

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North Central									
Madison County Hazel Green	03	1444CST			0	0	15K	2K	Hail (1.75) Golf ball size hail was reported at Hazel Green.
Lauderdale County Elgin	07	1015CST			0	0	12K	2K	Hail (1.75) Golf ball size hail was reported at Elgin.
Lauderdale County Elgin	07	1015CST			0	0	25K	2K	Thunderstorm Wind (G55) Thunderstorm wind did minimal to moderate damage to three houses, two metal sheds were destroyed, and trees and power lines were blown down.
Cullman County 6 E Cullman	07	1315CST			0	0	15K	2K	Hail (1.00) Hail the size of quarters was reported by the Cullman County EMA on Highway 278 near Berlin.
Talladega County Sylacauga	07	1405CST			0	0	10K	2K	Thunderstorm Wind (G50) A few trees were downed across Highway 280 in the Sylacauga area.
Talladega County Talladega	07	1410CST			0	0	20K	0	Thunderstorm Wind (G50) A few large trees were downed in Talladega.
Talladega County 5 S Fayetteville	07	1410CST			0	0	25K	0	Thunderstorm Wind (G40) A church under construction collapsed. The church was about 5 miles south of Fayetteville near the Talladega/Coosa county line.
Montgomery County 5 W Montgomery	07	1623CST			0	0	5K	2K	Hail (0.75) Marble to dime size hail was reported in the western parts of Montgomery County.
Montgomery County Montgomery	07	1630CST			0	0	20K	0	Thunderstorm Wind (G50) Trees and power lines were downed near the Montgomery fire station.
Winston County Haleyville	11	1236CST			0	0	5K	0	Lightning Lightning struck a house but no major damage was reported.
Marion County Guin	11	1240CST			0	0	10K	1K	Thunderstorm Wind (G50) Several trees were reported down on the north side of Guin.
Marion County Guin	11	1240CST			0	0	5K	0	Hail (0.75) Dime size hail was reported at Guin.
Blount County Hayden	11	1420CST			0	0	10K	1K	Hail (0.75) Dime size hail was reported along Highway 160 at Hayden.
Cullman County Good Hope	11	1430CST			0	0	15K	2K	Hail (1.75) Golf ball size hail was reported at Good Hope.
Jefferson County Morris to 3 W Trussville	11	1440CST 1505CST			0	0	25K	0	Hail (0.88) Nickel size hail was reported at Morris and dime size hail 3 miles west of Trussville.
St. Clair County Moody	11	1545CST			0	0	10K	0	Thunderstorm Wind (G50) Trees were reported downed in Moody.
St. Clair County Argo	11	1600CST			0	0	10K	0	Thunderstorm Wind (G50) Trees were downed in the Argo area.
St. Clair County Pell City	11	1613CST			0	0	15K	0	Thunderstorm Wind (G50) Trees and power lines were downed in Pell City.
Winston County Haleyville	12	0745CST			0	0	15K	0	Lightning Lightning struck a house causing minor damage.
Dekalb County Fort Payne	12	0840CST			0	0	40K	0	Lightning Lightning struck a house starting a fire that caused extensive damage.
Dekalb County Fort Payne	12	0845CST 1045CST			0	0	10K	0	Flash Flood A heavy downpour caused street flooding in a number of locations around Fort Payne.

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
<u>ALABAMA, North Central</u>									
Winston County Haleyville	13	0650CST			0	0	30K	0	Lightning
	Lightning struck a house causing damage to at least half of the house.								
Elmore County 2 NE Wetumpka	13	1745CST			0	0	10K	1K	Hail (0.75)
	A storm spotter reported three-quarter inch hail just northeast of Wetumpka.								
Dallas County Selma	13	1800CST			0	0	15K	0	Lightning
	Lightning struck the E-911 communications system knocking it off the air for about 15 minutes.								
Russell County Phenix City	15	1700CST			0	0	10K	0	Hail (0.75)
	Hail ranging from marble to dime size was reported at Phenix City.								
Russell County Seale	15	1725CST			0	0	20K	2K	Thunderstorm Wind (G50)
	Several trees were downed near the fire department and the post office in Seale. Several power lines were also downed.								
Jefferson County Birmingham	19	1400CST 1500CST			0	0	10K	0	Flash Flood
	Heavy rain created localized flooding including the flooding of some streets in the Birmingham area.								
Winston County Natural Bridge	20	1545CST			0	0	20K	0	Thunderstorm Wind (G50)
	A roof of a mobile home came apart and a fireworks stand was damaged.								
Lee County 14 NW Phenix City	20	1600CST			0	0	25K	0	Thunderstorm Wind (G50)
	A few trees were downed and a boat house was damaged at Lake Harding.								
Lee County Smiths	23	1138CST			0	0	10K	0	Hail (0.75)
	Three-quarter inch hail was reported at Smiths in southeast Lee County.								
Lee County Auburn	23	1318CST			0	0	15K	0	Lightning
	Lightning struck a house causing damage that was described as light.								
Lee County Auburn	23	1348CST			0	0	15K	0	Lightning
	Lightning struck a tree next to a house. The tree fell onto the chimney and caught the roof on fire. Damage was reported as minor.								
Lauderdale County Florence	23	1400CST			0	0	35K	0	Lightning
	Lightning struck a house causing considerable damage.								
Lauderdale County Florence	23	1400CST 1500CST			0	0	10K	0	Flash Flood
	Heavy rain caused street flooding. A woman was trapped inside her car when water started rising and the car stalled.								
Walker County Carbon Hill	23	1523CST			0	0	10K	2K	Thunderstorm Wind (G50)
	Thunderstorm wind downed several trees in the Carbon Hill area.								
Tuscaloosa County Samantha	23	1615CST			0	0	8K	2K	Hail (0.75)
	Dime size hail was reported at Samantha.								
Tuscaloosa County Samantha	23	1615CST			0	0	18K	0	Thunderstorm Wind (G50)
	A roof on a house was damaged and several trees were downed in the Samantha area.								
Madison County Gurley	23	1955CST			0	0	20K	0	Lightning
	Lightning struck a power station causing approximately 4800 homes to lose power.								
Chilton County 6 NE Maplesville	27	1840CST			0	0	10K	2K	Thunderstorm Wind (G50)
	Trees were reported downed between Jemison and Maplesville.								
Bibb County Lawley	27	1845CST			0	0	10K	0	Thunderstorm Wind (G50)
	Numerous trees were reported downed across Highway 82 at Lawley.								
<u>ALABAMA, Southeast</u>									
Coffee County Enterprise	26	1430CST			1	2	0	0	Lightning
	Three children playing on an unfinished soccer field next to a YMCA were struck by lightning. One child was fatally injured while the 2 other children received only minor injuries. M10BF								

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm
<u>ALABAMA, Southwest</u>										
Crenshaw County Luverne	07	1700CST			0	0	1K			Thunderstorm Wind (G50)
SEVERAL TREES AND POWER LINES WERE BLOW DOWN NEAR LUVERNE.										
Choctaw County Womack Hill	07	1730CST			0	0	1.5K			Thunderstorm Wind (G50)
SEVERAL TREES AND POWER LINES WERE BLOWN DOWN ALONG COUNTY ROAD 25 NEAR WOMACK HILL.										
Conecuh County Lyeffion	13	1630CST			0	0	1.5K			Thunderstorm Wind (G50)
TREES AND POWER LINES WERE BLOWN DOWN ALONG COUNTY ROAD 30 NEAR LYEFFION.										
Baldwin County Orange Beach	15	1120CST			0	0				Waterspout
A WATERSPOUT WAS REPORTED NEAR ORANGE BEACH JUST OFFSHORE OF SEVERAL CONDOMINIUMS. NO DAMAGE WAS REPOPRTED.										
<u>ALASKA, Northern</u>										
NONE REPORTED.										
<u>ALASKA, Southeast</u>										
AKZ015	Coastal Southeast Alaska									
	29	2100AST			0	0				High Wind (G61)
	30	0900AST								
An unseasonably strong low pressure system moved northward along the coastline of Southeast Alaska June 29-30. Saturday evening (June 29), winds gusted to 61 kt at Hydaberg and to 51 kt at Cape Decision. As the low continued northward overnight, stations in central Southeast Alaska reported gusty winds including 32 kt at Petersberg, 36 kt at Sitka, and 49 kt in downtown Juneau.										
<u>ALASKA, Southern</u>										
AKZ019	Central Gulf Coast									
	01	0000AST			0	0				Temperature Record
		2359AST								
High temperature record 76 set at the Valdez city site.										
AKZ011	Bristol Bay Coastal									
	01	0000AST			0	0				Temperature Record
		2359AST								
High temperature record 79 at King Salmon airport.										
Ck Inlt Susitna(C) / Homer(C)										
Big Lake	02	0000AST			0	0	10M			Wild/Forest Fire
	12	0000AST								
Apparent fire works touched off one of the most expensive fires to affect the state. On June 2nd, a small fire began. It "blew up" on Sunday at around 1030 pm as brisk north winds developed (very unusual for this time of year). Gusty north winds turned to the northeast then southeast during the next several days. The fire burned across 37,330 acres of land...much of it in the Big Lake area where many recreational homes, cabins and businesses are/were located. The fire was named "Miller's Reach", however due to its proximity to the Lake, quickly became known as the "Big Lake" fire. It was finally contained late on Monday, June 10th...after causing an estimated 10 million dollars damage to structures.										
AKZ023	St. Paul Island									
	03	0000AST			0	0				Temperature Record
		2359AST								
High temperature record 54 at Saint Paul.										
AKZ021	Western Alaska Peninsula									
	03	0000AST			0	0				Temperature Record
		2359AST								
Record high of 59 reported at Cold Bay...beating old record of 58 (1990).										
AKZ019	Central Gulf Coast									
	05	0300AST			0	0				High Wind (G49)
Wind gusts reached 56 mph...which was the highest recorded in the month of June for 20+ years. This broke the previous record of 38 mph by a "long shot".										
Ck Inlt Susitna(C) / Homer(C)										
Tustumena Lk	07	0000AST			0	0				Wild/Forest Fire
	12	0000AST								
Another fire of unknown origins, developed near Tustumena Lake on the Kenai Peninsula on June 7. It became known as the "Crooked Creek" fire...and, as of June 12, had burned around 23,000 acres.										
AKZ010	Yukon-Kuskokwim Delta									
	09	0000AST			0	0				High Wind (G35)
		2359AST								
A weak low moved rapidly southeast through Bristol Bay...causing wind gusts of 40 mph at Cape Romanzof.										
AKZ011-021	Bristol Bay Coastal - Western Alaska Peninsula									
	10	0000AST			0	0				High Wind (G36)
	11	2359AST								

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<u>ALASKA, Southern</u>										
			A moderate pressure gradient between a ridge in the eastern Aleutians and a moderate low just east of Kodiak caused wind gusts of 41 mph at both Cold Bay and Cape Newenham.							
AKZ010	Yukon-Kuskokwim Delta	12 0000AST 2359AST			0	0			Temperature Record	
	Record low of 31 at Bethel.									
AKZ021	Western Alaska Peninsula	13 0000AST 2359AST			0	0			Temperature Record	
	Record low of 30 at Cold Bay (tied the entire month of June record low).									
AKZ011-021	Bristol Bay Coastal - Western Alaska Peninsula	16 0000AST 17 2359AST			0	0			High Wind (G45)	
	A moderate 992 mb low curved northward out of the northcentral Pacific to just west of Dutch Harbor early Sunday. The low curved westward...weakening to a 995mb center 120 miles south of Saint Paul Island early Monday. At Cold Bay winds reached 45 on Saturday, 52 on Sunday, and 46 on Monday. At Port Heiden, wind gusts hit 47 on Sunday and 44 on Monday. At Cape Newenham, wind gusts reached 45 mph on Monday.									
AKZ010	Yukon-Kuskokwim Delta	16 0000AST 2359AST			0	0			Temperature Record	
	Record high at Bethel of 77.									
AKZ021	Western Alaska Peninsula	19 0000AST 2359AST			0	0			High Wind (G35)	
	A weak front moved northeast through the Alaska Peninsula...bringing wind gusts up to 40 mph at Port Heiden.									
AKZ011-021>023	Bristol Bay Coastal - Western Alaska Peninsula - Eastern Aleutians - St. Paul Island	22 0000AST 23 2359AST			0	0			High Wind (G56)	
	A large, deep 970mb low in the central north Pacific moved to Adak late Sunday morning with a moderate front in a southeast arc through Dutch Harbor. The low then drifted into the extreme south central Bering Sea early Monday. The front elongated north and east...extending in an arc through Saint Lawrence Island to McGrath then into Kachemak Bay and southward at 4am Monday. The front then moved into the northcentral Alaskan interior and central Gulf of Alaska Monday evening...weakening. The parent low began to weaken 300 miles northwest of Dutch Harbor at 4am Tuesday.									
	On both Saturday and Sunday...winds reached 52 mph in gusts at Shemya.									
	On Sunday...gusts reached 48 mph at Saint Paul, 60 mph at Cold Bay, 64 mph at Port Heiden and 54 mph at Cape Newenham.									
	On Monday...gusts reached 44 mph at Adak.									
W. Ak Peninsula / Cold Bay										
Cold Bay	22	0000AST 2359AST			0	0			Heavy Rain	
	On June 22nd, the same storm that brought strong winds also drenched Cold Bay with 3.2 inches of rain. This set a new June precipitation record (2.9 inches occurred from midnight to noon).									
	The Russel Creek hatchery was alerted as to the Flash Flood threat and rose an estimated 8-10 feet above normal. No damage was reported.									
<u>ARIZONA, Central and Northeast</u>										
Coconino County										
50 SE Sedona	03	1605MST 1615MST			0	0			Waterspout	
	Waterspout on Woods Canyon Lake damaged several boats and boat docks.									
Coconino County										
Countywide	20 30	1200MST 2359MST			0	0			Wild/Forest Fire	
	Wildfire outbreak. Two days of numerous dry thunderstorms, June 20 and 21, started over 120 lightning-caused fires. By the end of June, over 82,000 acres of private and public land was burned. Most were controlled by June 23, but several burned through the end of June until July 6 when the first significant rain occurred. The most significant wildfires were:									
	BRIDGER KNOLLS/JUMP Fire: started at 1700, 06/20, controlled 07/06. Acres burned by end of June: 53,500, on the Northern Rim of the Grand Canyon.									
	HOCHDERFFER FIRE: started 06/20, controlled 07/03. Total acres burned: 16,400. Twelve miles NW of Flagstaff.									
	POT FIRE: started 06/20, controlled 06/26. Total acres burned: 7000. Ten miles NE of Sedona.									
	COTTONWOOD FIRE: started 06/20, controlled 06/25. One mile south of Pinedale. Total acres burned: 1586.									
Gila County										
Countywide	20 30	1200MST 2359MST			0	0			Wild/Forest Fire	
	Wildfire outbreak described in Coconino County entry.									
Navajo County										
Countywide	20 30	1200MST 2359MST			0	0			Wild/Forest Fire	

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ARIZONA, Central and Northeast

Wildfire outbreak described in Coconino County entry.

Yavapai County Countywide	20	1200MST			0	0			Wild/Forest Fire
	30	2359MST							

Wildfire outbreak described in Coconino County entry.

Apache County Countywide	20	1200MST			0	0			Wild/Forest Fire
	30	2359MST							

Wildfire outbreak described in Coconino County entry.

Apache County .5 NW St Johns	21	1657MST			0	0			Thunderstorm Wind (G61)
		1658MST							

Thunderstorm wind gust to 70 mph/61 kts at St. Johns Airport.

Yavapai County Prescott	26	1215MST			0	0			Thunderstorm Wind (G40)
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Thunderstorm wind gust to 40 kts snapped a power pole. The pole fell on a mobile home causing a fire. The mobile home was extensively damaged by the pole and the fire.

Gila County	30	1500MST			0	0			Dust Devil
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Large dust devil destroyed an aluminum shed.

ARIZONA, Northwest

NONE REPORTED.

ARIZONA, South

AZZ023	10	2050MST			0	0	15K		Dust Devil
		2100MST							

Half of a roof was blown off a house in Tucson near River and Campbell streets. No thunderstorms in area so most likely cause was a very strong dust devil.

Santa Cruz County 3 S Tucson	26	1700MST			0	2			Lightning
		1710MST							

Two people struck by lightning 3 miles south of Tucson International Airport. Minor injuries, no deaths.

Santa Cruz County Thatcher/Safford	29	1520MST			0	0	320K	10K	Thunderstorm Wind (G80)
		1540MST							

A strong thunderstorm downburst in Thatcher and Safford created the following damage. Crop damage, trees down and broken, power lines down, roof damage, one mobile home blown off its blocks, one mobile home flipped over, small signs and awnings blown away, billboard blown into new cars, flooding of some apartments, and structure fire caused by lightning. Rainfall was estimated at 1 1/2 to 2 inches with hail nearly covering the ground.

Cochise County 8 E (Fhu)Ft Huachuca Afb	29	1900MST			0	0			Lightning
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A hiker in the Huachuca Mountains had a lightning strike hit extremely close to him. He was thrown off his feet and could not move for several seconds. The thunder caused his ears to ring for many days afterward.

ARIZONA, Southwest

NONE REPORTED.

ARKANSAS, Central and North Central

Newton County Ponca	01	0425CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds downed some large tree limbs.

Baxter County Henderson	02	2005CST			0	0			Thunderstorm Wind (G50)
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Several trees were blown down.

Fulton County Wild Cherry	02	2025CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds blew shutters off several buildings.

Fulton County Wild Cherry	02	2025CST			0	0			Hail (1.75)
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Searcy County Marshall	02	2037CST			0	0			Thunderstorm Wind (G50)
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Thunderstorm winds blew down several trees.

Izard County La Crosse	02	2050CST			0	0			Thunderstorm Wind (G50)
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ARKANSAS, Central and North Central									
	Some power lines were blown down.								
Izard County Jumbo	02	2055CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds downed several power lines.								
Clark County 2 NW Curtis	03	1351CST			0	0			Hail (0.88)
Pope County Dover	03	1407CST			0	0			Hail (1.75)
White County Bald Knob	03	1450CST 1455CST			0	0			Hail (0.75)
	Hail up to dime size covered the ground at Bald Knob.								
White County Bald Knob	03	1535CST			0	0			Hail (1.00)
Faulkner County Greenbrier	03	1700CST			0	0			Hail (0.75)
White County Floyd	03	1715CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds knocked down a few power poles.								
Perry County Perry	03	1720CST 1725CST			0	0			Hail (1.00)
	Hail up to quarter size damaged several vehicles in Perry.								
Jefferson County Altheimer	03	1730CST			0	0			Hail (0.75)
White County Antioch	03	1730CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds downed several trees.								
Yell County Dardanelle	04	1845CST			0	0			Hail (1.00)
Yell County Dardanelle	04	1845CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds downed some trees and power lines.								
Pope County 1 SW Russellville	04	1850CST			0	0			Hail (1.00)
Pope County Russellville	04	1855CST			0	0			Hail (1.00)
Marion County Oakland	06	1415CST			0	0			Hail (0.75)
Boone County Gaither	06	1430CST			0	0			Hail (0.75)
Boone County Gaither	06	1430CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds knocked down some trees.								
Newton County Ponca	06	1445CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds downed some large tree limbs.								
Baxter County Mountain Home	06	1450CST			0	0			Thunderstorm Wind (G50)
	Several trees were blown down.								
Marion County 5 N Pyatt	06	1500CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds blew down a few trees.								
Newton County Deer	06	1515CST			0	0			Thunderstorm Wind (G50)
	Thunderstorm winds downed some large tree limbs.								
Newton County Lurton	06	1525CST			0	0			Thunderstorm Wind (G50)
	Several large tree limbs were blown down.								
Baxter County Mountain Home	06	1525CST			0	1			Lightning
	A youth was struck by lightning while riding a 4-wheeler near Mountain Home. He was taken to a local hospital for treatment.								
Searcy County Leslie	06	1530CST			0	0			Hail (0.75)
Baxter County Norfork	06	1535CST			0	0			Hail (1.00)

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ARKANSAS, Central and North Central									
Van Buren County									
Botkinburg	06	1600CST			0	0			Hail (0.75)
Stone County									
3 N Fifty Six	06	1600CST 1605CST			0	0			Hail (1.25)
		Hail up to half-dollar size damaged a vehicle.							
Izard County									
Oxford	06	1605CST			0	0			Hail (0.75)
Pope County									
Pelsor	06	1620CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds downed a large tree.							
Sharp County									
Calamine	06	1645CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds blew down several trees.							
Conway County									
Center Ridge	06	1700CST			0	0			Hail (0.75)
Cleburne County									
Heber Spgs	06	1730CST			0	1			Lightning
		A man was struck by lightning while standing in the doorway of a barn during a thunderstorm. He suffered minor injuries and was taken to a local hospital for treatment.							
Perry County									
Adona	06	1920CST			0	0			Hail (0.75)
Polk County									
Hatfield	06	2038CST			0	0			Hail (1.00)
Polk County									
Acorn	06	2042CST			0	0			Hail (0.75)
Pike County									
Glenwood	06	2200CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds blew down a number of trees.							
Montgomery County									
Welsh	06	2215CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds downed some trees.							
Hot Spring County									
Bismarck	06	2250CST			0	0			Thunderstorm Wind (G56)
		Thunderstorm winds up to 65 mph blew down some trees.							
Hot Spring County									
Donaldson	06	2258CST			0	0			Thunderstorm Wind (G52)
		Thunderstorm winds gusted to 60 mph at Donaldson and tore part of the roof off a school building.							
Hot Spring County									
Malvern	06	2305CST			0	0			Thunderstorm Wind (G50)
		Several trees were blown down.							
Garland County									
3 W Lonsdale	06	2310CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds blew down some trees.							
Hot Spring County									
Marcus	06	2315CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds knocked down some trees on the northern end of DeGray Lake.							
Grant County									
Tull	06	2315CST 2318CST			0	0			Hail (1.75)
Grant County									
Tull	06	2315CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds blew down some large trees.							
Jefferson County									
Pine Bluff	07	0000CST			0	0			Thunderstorm Wind (G50)
		Thunderstorm winds knocked down numerous trees in the western parts of Pine Bluff.							
Arkansas County									
De Witt	07	0115CST			0	0			Thunderstorm Wind (G50)
		A few trees were blown down by thunderstorm winds.							
Lonoke County									
England	07	1838CST			0	0			Hail (0.75)
Arkansas County									
5 NW Lodge Corner	07	1955CST			0	0			Hail (0.75)
Monroe County									
1 SW Brinkley	07	2015CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ARKANSAS, Central and North Central</u>									
Monroe County									
Rich	07	2035CST			0	0			Hail (0.75)
Pulaski County									
Maumelle	12	1628CST			0	0			Hail (0.75)
Faulkner County									
Mayflower	13	0945CST			0	0			Thunderstorm Wind (G39)
Thunderstorm winds gusted to 45 mph and overturned a small boat on the southern end of Lake Conway near Mayflower.									
Johnson County									
5 N Clarksville	17	1500CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed a few trees.									
Van Buren County									
3.5 E Scotland	17	1615CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed some trees.									
Marion County									
Bull Shoals	17	1630CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed some trees and damaged the roofs of several buildings.									
Pulaski County									
North Little Rock	18	1840CST			0	0			Hail (0.88)
Cleveland County									
Rison	18	1845CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed several trees and power lines.									
Marion County									
Peel	18	1944CST			0	0			Hail (0.75)
Baxter County									
Cotter	18	2010CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed trees and power lines.									
Baxter County									
Gassville	18	2010CST			0	0			Thunderstorm Wind (G50)
Several trees and power lines were knocked down.									
Franklin County									
6 W Cecil	19	0235CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed some trees.									
Lonoke County									
2 N Lonoke	19	1245CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds damaged the roof of a house and downed some large tree limbs.									
White County									
4 S Rose Bud	19	1245CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed a few trees and some large tree limbs.									
<u>ARKANSAS, East</u>									
Craighead County									
Black Oak	06	1815CST 1820CST			0	0	0.10K		Thunderstorm Wind
A power pole and some small trees were knocked down.									
Mississippi County									
Gosnell	06	1820CST 1825CST			0	0	5K		Thunderstorm Wind
A roof was blown off of a mobile home.									
<u>ARKANSAS, Northwest</u>									
Washington County									
Lincoln	01	0320CST			0	0	0.10K		Thunderstorm Wind
Washington County									
Fayetteville	01	0320CST			0	0	0.10K		Thunderstorm Wind
A severe thunderstorm produced strong winds which downed trees in Lincoln and in Fayetteville.									
Carroll County									
3 WNW Eureka Spgs	02	2100CST			0	0			Hail (0.75)
Benton County									
Gravette	02	2258CST			0	0			Hail (0.75)
Isolated severe thunderstorms developed in extreme northwest Arkansas during the evening of June 2nd. Dime size hail fell 3 miles west northwest of Eureka Springs and at Gravette.									
Crawford County									
Chester	03	0310CST			0	0			Hail (0.75)
A severe thunderstorm produced dime size hail at Chester.									
Washington County									
Elkins	06	1400CST			0	0			Hail (0.75)
Carroll County									
8 S Green Forest	06	1401CST			0	0			Hail (1.00)

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June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>ARKANSAS, Northwest</u>										
Madison County 2 S Huntsville	06	1415CST			0	0			Hail (0.75)	
Madison County 5 E St Paul	06	1445CST			0	0			Hail (0.75)	
Severe thunderstorms developed in northwest Arkansas during the afternoon of June 6th. Quarter size hail fell 8 miles south of Green Forest, and dime size hail fell at Elkins, 2 miles south of Huntsville, and 5 miles east of St. Paul.										
Madison County Huntsville	18	2220CST			0	0	0.10K		Thunderstorm Wind	
A severe thunderstorm produced strong winds which downed numerous large tree limbs in Huntsville.										
Sebastian County Ft Smith	19	0201CST			0	0			Thunderstorm Wind (G56)	
Sebastian County 4 SE Ft Smith	19	0204CST			0	0			Thunderstorm Wind (G58)	
Sebastian County Barling	19	0205CST			0	0	0.10K		Thunderstorm Wind	
Sebastian County Greenwood	19	0210CST			0	0	0.10K		Thunderstorm Wind	
Crawford County Van Buren	19	0215CST			0	0	15K		Thunderstorm Wind	
Sebastian County 1 N Lavaca	19	0220CST			0	0	0.10K		Thunderstorm Wind	
Crawford County Alma	19	0220CST			0	0	5K		Thunderstorm Wind	
Sebastian County Bloomer	19	0225CST			0	0	0.10K		Thunderstorm Wind	
Severe thunderstorms moved across northwest Arkansas during the early morning of June 19th. Strong thunderstorm winds blew a truck off the road at the intersection of Interstate 40 and Interstate 540 in Van Buren, and the strong winds also damaged roofs and downed power lines in Van Buren. Strong thunderstorm winds in Alma blew the roof off a pizza place, damaged the roof of a home, and downed trees. Trees were also blown down in Barling, 1 mile north of Lavaca, and along State Highway 22 near Bloomer, and large tree limbs were blown down in Greenwood. Thunderstorm winds gusted to 67 miles an hour at the Fort Smith Municipal Airport 4 miles southeast of Fort Smith and to 65 miles an hour in Fort Smith.										
<u>ARKANSAS, Southeast</u>										
Chicot County Lake Vlg	18	1445CST			0	0			Hail (0.75)	
Chicot County Eudora	18	1600CST 1700CST			0	0			Flash Flood	
Numerous roads and streets were flooded in the county.										
<u>ARKANSAS, Southwest</u>										
Little River County Foreman	03	2150CST			0	0			Thunderstorm Wind (G60)	
Blown down power lines caused numerous power outages in the city.										
Little River County 4 SSE Ashdown to Ashdown	03	2152CST			0	0			Hail (0.75)	
Sevier County De Queen	03	2152CST			0	0			Thunderstorm Wind (G65)	
Trees were blown down across roads inside the city blocking traffic.										
Sevier County Lockesburg	03	2158CST			0	0			Thunderstorm Wind (G60)	
Numerous trees blown down.										
Hempstead County Hope	04	2210CST			0	0			Thunderstorm Wind (G60)	
Numerous trees were blown down across power lines causing numerous power outages in the city.										
Hempstead County Hope	04	2210CST 2330CST			0	0			Flash Flood	
Heavy rains in a short period of time resulted in one foot of water across I-30.										
Hempstead County 1 NE Fulton to Fulton	04	2210CST 2330CST			0	0			Flash Flood	
Heavy rains resulted in one and a half feet of water of I-30 bringing traffic to a halt.										
Howard County Dierks	06	2140CST			0	0			Thunderstorm Wind (G60)	
Reported by Storm Spotter.										

CALIFORNIA, Extreme Southeast

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CALIFORNIA, Extreme Southeast

CALIFORNIA, North Central

NONE REPORTED.

CALIFORNIA, Northeast

NONE REPORTED.

CALIFORNIA, Northwest

CAZ001

Northwest California

03

0345PST

0

0

Fog

0830PST

Areas of dense coastal fog shrouded much of the Northwest California coast and river valleys. Visibilities were reduced to near zero in Eureka and around Humboldt Bay and were down to 1/8 mile in Hydesville.

CALIFORNIA, South Central

NONE REPORTED.

CALIFORNIA, Southeast

NONE REPORTED.

CALIFORNIA, Southwest

San Diego County

Mission Beach

30

1430PST

1

0

Rip Currents

Out of an estimated 295,000 visitors to the San Diego County beaches, 366 rescues were made. Many were blamed on strong rip currents. One 10-year-old San Diego boy drowned at Mission Beach. M10IW

CALIFORNIA, Upper

NONE REPORTED.

CALIFORNIA, West South Central

NONE REPORTED.

CALIFORNIA, Western

NONE REPORTED.

COLORADO, Central and Northeast

Larimer County

Fort Collins

04

1700MST

0

1

0

0

Lightning

A heavy equipment operator was struck by lightning as he was climbing off a scraper-grader. He received only minor injuries.

Weld County

Greeley

04

1745MST

0

0

50K

0

Lightning

Lightning strikes damaged a water pump and sparked small fires to a storage shed and oil tank in Greeley.

Boulder County

Niwot

05

1745MST

0

0

Dry Microburst

1815MST

Boulder County

Longmont

05

1800MST

0

0

Dry Microburst

1805MST

Boulder County

Boulder

05

1801MST

0

0

Dry Microburst

1806MST

Strong microburst winds to 60 mph (52 kts) damaged several trees in Boulder county snapping large branches from 1 to 2 inches in diameter.

Weld County

La Salle

08

1800MST

0

0

1K

0

Lightning

Lightning destroyed a water pump at the La Salle Waste Water Site.

Weld County

Keenesburg

09

1415MST

0

0

Dry Microburst

1420MST

Lincoln County

Limon

09

1535MST

0

0

Thunderstorm Wind (G56)

1540MST

Lincoln County

20 SE Hugo

09

1632MST

0

0

Thunderstorm Wind (G52)

1637MST

Larimer County

Fort Collins

10

1600MST

0

0

10K

0

Lightning

Lightning struck and killed a horse used by the Fort Collins Police Department's Mounting Patrol Unit. Another horse nearby was injured.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
COLORADO, Central and Northeast										
Weld County										
Keenesburg	10	1617MST 1623MST			0	0			Dry Microburst	
Morgan County										
Brush	10	1943MST 1944MST			0	0	0	0	Funnel Cloud	
Elbert County										
8 SE Matheson	11	1538MST 1540MST			0	0			Hail (1.75)	
Boulder County										
Niwot	12	1603MST			0	0		0	Lightning	
Lightning struck a power line which caused a temporary outage for 50 residents in the town of Niwot.										
Larimer County										
9 SW Rustic	12	1630MST 1645MST			0	0			Hail (1.75)	
Douglas County										
Parker	12	1730MST			0	0		0	Lightning	
Lightning struck a house in Parker which sparked a fire. The bolt was strong enough to blow nails out of the dry wall in one room. Approximately 85 percent of the home was damaged but no dollar estimate of the damage was available.										
Boulder County										
Boulder	12	1823MST			0	0		0	Lightning	
Lightning struck a power line in Boulder which left 250 customers without electricity for a short time.										
Morgan County										
20 NW Ft Morgan	12	1910MST 1915MST			0	0			Thunderstorm Wind (G61)	
Larimer County										
Berthoud	12	2100MST 2105MST			0	0			Thunderstorm Wind	
Strong thunderstorm winds downed a large tree in the town of Berthoud. Several tree limbs in the area were also snapped by the high winds.										
Lincoln County										
7 NE Karval	13	1800MST			0	0			Hail (1.00)	
Larimer County										
2 E Estes Park	16	1500MST			0	0			Hail (1.00)	
Larimer County										
2 S Estes Park	16	1510MST			0	0		0	Hail (0.75)	
Boulder County										
3 NW Pinecliffe to 1.5 NW Pinecliffe	16	1615MST 1635MST	1.5	300	0	0			Tornado (F1)	
A small tornado touched down in the foothills west of Boulder, near Pinecliffe, knocking down 50 to 100 large pine trees. A house nearby sustained damage when shingles were ripped off the roof. The tornado also picked a 17-ft sailboat and attached trailer and carried it 25 feet into a nearby tree.										
Denver County										
Denver Airport (Dia)	16	1723MST 1728MST			0	0	0	0	Thunderstorm Wind (G50)	
Weld County										
Greeley	17	1930MST 2000MST			0	0	13K		Thunderstorm Wind	
Strong thunderstorm winds ripped two thirds of the roof off a paving business in North Greeley. Heavy rainfall followed causing substantial water damage to two floors inside the building.										
Phillips County										
4 E Haxtun	17	2245MST 2250MST			0	0			Thunderstorm Wind (G54)	
Phillips County										
Haxtun	17	2255MST 2300MST			0	0			Thunderstorm Wind (G52)	
Strong thunderstorm winds gusting to 60 mph (52 kts) toppled a large tree in the town of Haxtun. Several large branches were also snapped from trees in the area.										
Morgan County										
4 W Ft Morgan	20	1754MST			0	0			Hail (1.75)	
Morgan County										
2 SW Brush	20	1800MST			0	0			Hail (1.50)	
Weld County										
6 SW Stoneham	20	1805MST			0	0			Hail (2.50)	
Morgan County										
22 NW Ft Morgan	20	1937MST 1942MST			0	0			Thunderstorm Wind (G52)	
Morgan County										
15 N Ft Morgan	20	1939MST			0	0			Hail (1.50)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
COLORADO, Central and Northeast									
Morgan County 12 N Ft Morgan	20	1941MST 1951MST			0	0			Hail (2.00)
Morgan County 22 NW Ft Morgan	20	1942MST			0	0			Hail (1.00)
Weld County Stoneham	20	2003MST			0	0			Hail (1.75)
Morgan County 8 SE Raymer	20	2010MST 2011MST			0	0	0	0	Funnel Cloud
Logan County 19 SW Sterling	20	2014MST			0	0			Hail (0.75)
Logan County Peetz	20	2025MST 2026MST			0	0	0	0	Funnel Cloud
Logan County Merino	20	2029MST 2030MST			0	0	0	0	Funnel Cloud
Morgan County Fort Morgan	20	2030MST			0	0			Lightning
		Lightning set fire to a pile of hay. Since the hay was wet the fire did little damage.							
Morgan County 20 NW Ft Morgan	20	2032MST			0	0			Hail (0.75)
Morgan County Ft Morgan	20	2045MST 2055MST			0	0			Thunderstorm Wind (G50)
		Large hail ranging from 3/4 to 1 3/4 inches in diameter, driven by winds as strong as 60 mph (52 kts), caused substantial damage to corn and wheat crops in the Morgan County area. The damage occurred during the late afternoon and evening hours of the 20th. Power lines were also downed leaving 314 customers without electricity. No estimates of the damage were available.							
Boulder County Boulder	20	2145MST 2155MST			0	0		0	Thunderstorm Wind (G61)
		Strong thunderstorm winds in Boulder downed several large tree limbs in Boulder at the University of Colorado Campus. A stop light in the city was also blown down.							
Douglas County Parker	21	1200MST 1322MST			0	0	30K	0	Lightning
		Three homes were struck by lightning in Parker, southeast of Denver. Lightning struck the garage of the first home, a small fire developed which burned some siding and spread into the attic. Another home sustained damage in the attic from a small fire while a third home was hit but received only minor damage. Lightning also sparked two small grassfires in the area.							
Jefferson County Lakewood	21	1200MST			0	1	0	0	Lightning
		A man received minor injuries when he was struck by lightning while working on a ladder.							
Douglas County Castle Rock	21	1235MST 1236MST			0	0	0	0	Funnel Cloud
Arapahoe County 15 NE Deer Trail	21	1438MST 1443MST			0	0			Thunderstorm Wind (G52)
Washington County 5 NW Last Chance	21	1451MST 1456MST			0	0			Thunderstorm Wind (G52)
Washington County Prewitt Reservoir	21	1653MST 1658MST			0	0			Thunderstorm Wind (G61)
Washington County Last Chance	21	1720MST 1721MST			0	0	0	0	Funnel Cloud
Boulder County Boulder	21	2045MST 2050MST			0	0		0	Thunderstorm Wind
		Strong thunderstorm winds downed a large tree near Crossroads Mall in Boulder.							
Adams County 6 E Lafayette	22	1410MST 1415MST	0.1	50	0	0	0	0	Tornado (F0)
Weld County Greeley	22	2038MST			0	0		0	Lightning
		Lightning caused a power outage which left 2500 customers without electricity for about 30 minutes. Areas affected by the outage included portions of Greeley, Evans, La Salle and Gilcrest.							

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
COLORADO, Central and Northeast									
Washington County 8 SW Akron	24	0405MST 0500MST			0	0			Hail (1.00)
Washington County 8 S Akron	24	0600MST 0605MST			0	0	30K	1.2M	Hail (2.00)
A nearly stationary thunderstorm spawned a hailstorm that lasted approximately 2 hours south-southwest of Akron. A farmer reported 1 inch diameter hail had fallen continously for nearly an hour at one point during the event. The area affected by the storm was approximately 36-sq miles in size. Two farmsteads were completely wiped out and others nearby sustained substantial damage. The hail and the flooding that followed resulted in an estimated \$1.2 million in damage to crops and \$30,000 to property.									
Weld County 3 NE Hudson	24	1507MST			0	0			Hail (1.75)
Weld County 8 W Roggen	24	1515MST 1516MST			0	0	0	0	Funnel Cloud
Weld County Hudson	24	1653MST 1654MST			0	0	0	0	Funnel Cloud
Weld County 7 W Roggen	24	1715MST 1716MST			0	0	0	0	Funnel Cloud
Weld County 5 W Roggen	24	1722MST 1723MST			0	0	0	0	Funnel Cloud
Arapahoe County Littleton	24	1744MST			0	0	1K	0	Lightning
Lightning struck a home in Littleton which sparked a small fire on the roof.									
Weld County 2 NW Keenesburg	24	1750MST 1751MST			0	0	0	0	Funnel Cloud
Weld County 3 SW Greeley	24	1900MST 1905MST			0	0			Thunderstorm Wind (G52)
Strong thunderstorm winds to 60 mph (52 kts) downed one large tree and snapped large branches off others nearby.									
Weld County Greeley	24	1900MST 1905MST			0	0	50K		Thunderstorm Wind (G52)
Strong thunderstorms winds estimated to 60 mph (52 kts) downed a large tree in Greeley which damaged a nearby home.									
Larimer County Ft Collins	24	1913MST			0	0			Hail (0.75)
Larimer County 1 E Buckhorn Mountain	24	1935MST			0	0			Hail (0.75)
Larimer County Poudre Park	24	1945MST			0	0			Hail (0.75)
Douglas County Castle Rock	24	2120MST 2125MST			0	0			Thunderstorm Wind (G56)
Weld County 4 E Greeley	25	2000MST			0	0		6K	Lightning
Lightning sparked a fire which completely destroyed a 50-ton stack of hay near Greeley.									
Weld County 33 NW Sterling	27	0133MST			0	0			Hail (1.00)
COLORADO, East Central									
Kit Carson County 4 N Seibert	11	1715MST			0	0			Hail (0.75)
Kit Carson County 4 S Vona	11	1805MST			0	0			Hail (0.75)
Yuma County 4 SW Eckley	11	1805MST			0	0			Thunderstorm Wind (G52)
Yuma County Eckley	11	1810MST			0	0			Thunderstorm Wind (G52)
THREE TO FOUR INCH DIAMETER BRANCHES DOWN.									
Yuma County 2 N Clarkville	14	1945MST			0	0			Hail (0.75)
Kit Carson County 6 SW Bethune	21	1540MST			0	0			Thunderstorm Wind (G60)
OPEN FACED STEEL CATTLE SHED BLOWN APART. PICKUP CAMPER OVERTURNED.									

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June 1996

June 1996									
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<u>COLORADO, East Central</u>									
Kit Carson County 6 SW Bethune	21	1540MST			0	0			Hail (1.75)
Cheyenne County 1 N Arapahoe	21	1755MST			0	0			Thunderstorm Wind (G52)
POWER LINES AND TREE LIMBS DOWN.									
Kit Carson County Stratton	22	1430MST			0	0			Hail (0.75)
Yuma County Joes	22	1445MST			0	0			Hail (1.00)
Cheyenne County 11 SSE Cheyenne Wells	22	1645MST			0	0			Hail (0.88)
Cheyenne County 5 S Cheyenne Wells	22	1703MST			0	0			Hail (1.75)
Cheyenne County 5 S Cheyenne Wells to 6 S Cheyenne Wells	24	1725MST 1735MST	1	30	0	0			Tornado (F0)
BRIEF TORNADO OVER OPEN COUNTRY.									
Cheyenne County 10 S Cheyenne Wells	24	1730MST			0	0			Hail (1.00)
<u>COLORADO, South Central and Southeast</u>									
Baca County 3 S Stonington	01	0000MST			0	0			Hail (0.75)
Baca County 3 SE Pritchett	03	1055MST			0	0			Hail (1.00)
Baca County 10 NNW Campo	03	1115MST			0	0			Hail (1.00)
Baca County 12 NW Campo	03	1125MST 1127MST	0.1	50	0	0			Tornado (F0)
A brief tornado touchdown over open country of western Baca county produced no known damage.									
Baca County 3 E Vilas	03	1204MST 1206MST	0.1	50	0	0			Tornado (F0)
A brief tornado touchdown over open country of eastern Baca county produced no known damage.									
Baca County 4 S Walsh	05	1700MST			0	0			Thunderstorm Wind (G61)
Kiowa County Haswell	09	1745MST			0	0			Thunderstorm Wind (G52)
Bent County Hasty	09	1825MST			0	0			Thunderstorm Wind (G52)
Baca County 8 N Vilas	09	1925MST			0	0			Thunderstorm Wind (G52)
Custer County Wetmore	10	1252MST 1300MST			0	0			Hail (1.00)
Pueblo County 4 SE Wetmore	10	1305MST			0	0			Hail (1.00)
Pueblo County Boone	10	1430MST			0	0			Hail (0.75)
Otero County Manzanola	10	1550MST			0	0			Hail (1.75)
Kiowa County 7 SW Haswell	10	1825MST			0	0			Hail (0.75)
Las Animas County 10 SW Kim	11	1440MST			0	0			Hail (1.00)
Otero County Manzanola	11	1600MST			0	0			Hail (1.75)
Las Animas County 5 WNW Weston	12	1305MST			0	0			Hail (0.75)
Halfway between Vigil and Stonewall the hail was reportedly 2 inches deep on the ground.									
Las Animas County Stonewall	12	1310MST			0	0			Hail (0.75)
Las Animas County Weston	12	1310MST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
COLORADO, South Central and Southeast									
El Paso County Black Forest	12	1550MST			0	0	70K		Lightning
A Black Forest home at 8435 Bar X Terrace was destroyed by a fire that was started by a lightning strike. The fire started at 450 pm MDT and was under control by 515 pm MDT.									
El Paso County Ramah	12	1625MST			0	0			Dry Microburst
A wall cloud and numerous funnel clouds were reportedly seen in the area, however there were no confirmed tornadoes. The microburst had winds to 60 mph and blew down 30 feet of fence.									
El Paso County Colorado Spgs	13	1405MST			0	0			Hail (1.00)
Hail accumulations of up to 6 inches on the ground were reported in northern Colorado Springs, which partially clogged storm drains.									
Fremont County Cotopaxi	14	1400MST 1430MST			0	0			Flash Flood
Rainfall rates of 1 to 2 inches per hour produced a reported 15 foot wall of water to cascade down Bernard Creek north of the town of Cotopaxi, forcing people to evacuate their homes, washed out a bridge, and derailed 4 empty rail cars.									
El Paso County 5 SE Falcon	14	1530MST 1700MST			0	0			Flash Flood
Up to 4.2 inches of rain produced widespread lowland and road flooding in the area.									
Fremont County 10 NE Canon City	14	1600MST 1800MST			0	0			Flash Flood
Widespread heavy rain from strong thunderstorms produced lowland and road flooding in extreme eastern Fremont county.									
El Paso County Security/Widefield	14	1700MST 1800MST			0	0			Flash Flood
Heavy rain produced widespread flooding of lowlands and roads in the area, with Highway 94 under a half foot of water in spots.									
Custer County 17 E Westcliffe	16	1525MST			0	0			Hail (0.75)
Baca County 24 E Springfield	17	1700MST			0	0			Hail (0.75)
Baca County 2 NW Bartlett	17	1700MST 1730MST			0	0			Flash Flood
Over 3 inches of rain fell near Bartlett, flooding Bear Creek and the adjacent roadways. The irrigation controls (watergates) on Bear Creek were damaged due to the flooding.									
COZ071	Southern El Paso County/Colorado Springs And Vicinity								
	21	0000MST 0100MST			0	0	40K		High Wind (G42)
Gusty winds brought down the new Western Pacific Airline's maintainence hanger, under construction near the Colorado Springs Airport.									
Las Animas County 6 NE Pinon Canyon to 6 NE Thatcher	21	1355MST			0	0			Thunderstorm Wind (G61)
Prowers County Lamar Arpt	21	1647MST			0	0			Thunderstorm Wind (G50)
Crowley County Ordway	22	1302MST			0	0			Hail (0.88)
Kiowa County Haswell	22	1348MST			0	0			Hail (1.75)
Kiowa County Haswell	22	1348MST			0	0			Thunderstorm Wind (G65)
Prowers County Lamar	22	1646MST			0	0	15K		Thunderstorm Wind (G74)
The storm ripped through Lamar, producing periods of heavy rain that reduced visibilities to near zero, 1/2 diameter hail, and damaging straight-line winds. Numerous 6 inch or larger diameter trees were uprooted, and numerous 6 inch or larger diameter limbs were broken off. Fences and signs were blown over, while 3 power poles and 2 transformers were lost. Many roofs were ripped off, including 60% of the roof of radio station KLMR. A number of funnel clouds were reportedly seen around the damaging downburst.									
Only Power Plant damage estimates were available.									
Baca County 6 SE Campo	23	1555MST			0	0			Hail (2.00)
Baca County 12 E Campo	23	1623MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
Killed	Injured	Property							
COLORADO, South Central and Southeast									
El Paso County									
Colorado Spgs	23	1730MST			0	0			Dry Microburst
A very small dry microburst struck the 5100 block of North Nevada Avenue in Colorado Springs. The downburst winds tore down power lines (but left the poles standing), ripped 40 square feet of roofing off a building, blew a pontoon boat 30 feet off its trailer, damaged billboards, and brought down tree limbs 6 to 8 inches in diameter.									
Baca County									
16 S Walsh	24	1355MST			0	0			Thunderstorm Wind (G70)
Baca County									
12 S Walsh to 8 E Walsh	24	1425MST			0	0			Thunderstorm Wind (G70)
Las Animas County									
16 N Kim	24	1445MST			0	0			Hail (0.75)
Baca County									
1 E Walsh	24	1449MST			0	0			Thunderstorm Wind (G70)
Damaging thunderstorm winds up to 80 MPH ripped off the roof of a hay barn near the town of Walsh.									
Las Animas County									
6 NE Pinon Canyon to 6 NE Thatcher	24	1505MST			0	0			Hail (1.00)
Las Animas County									
Thatcher	24	1515MST			0	0			Hail (1.75)
Otero County									
7 SW La Junta	24	1540MST			0	0			Hail (0.75)
Otero County									
3.5 SW La Junta	24	1550MST			0	0			Hail (1.00)
Kiowa County									
Arlington	24	1619MST			0	0			Hail (1.00)
Kiowa County									
5.5 W Haswell	24	1635MST			0	0			Hail (2.75)
Kiowa County									
7 S Towner	24	1639MST			0	0			Hail (1.50)
Large hail in ranchland south of Towner broke some windows at ranch houses.									
Las Animas County									
Kim	25	1700MST			0	0			Urban/Sml Stream Fld
From 1 to 4 inches of rainfall was reported from slow-moving thunderstorms, causing flooding of irrigation ditches, formation of lakes in pastures, and running water over roadways.									
Baca County									
9 E Campo to 8 NE Campo	25	1835MST 1845MST	1	75	0	0			Tornado (F0)
Multiple sightings of funnel clouds and a tornado were reported over the open country of southeast Baca county producing no known damage.									
Baca County									
10 S Stonington	25	1915MST 1917MST	0.1	50	0	0			Tornado (F0)
A brief tornado touchdown in open country of southeast Baca county produced no known damage.									
Baca County									
9 S Vilas	30	1223MST			0	0			Thunderstorm Wind (G52)
COLORADO, West									
Ouray County									
5 NNE Telluride	13	1400MST			1	0			Lightning
A man was struck and killed by lightning while hiking near the summit of Mt. Sneffles. Shortly before the lightning strike he was warned of the potential lightning danger from other hikers who were coming down from the summit. M41OU									
Moffat County									
10 W Greystone	20	1510MST 1520MST			0	0			Thunderstorm Wind
Strong winds blew down power lines and trees at the Zenobia Lookout section of Dinosaur National Park.									
La Plata County									
Durango	20	1545MST 1600MST			0	0			Thunderstorm Wind (G50)
Large trees were blown down.									
Montrose County									
Olathe	20	1607MST 1615MST			0	0			Thunderstorm Wind
Cable lines and poles were blown down, along with large trees up to 100 years old.									
Mesa County									
Fruita	20	1610MST 1620MST			0	0			Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

COLORADO, West

Mesa County Walker Arpt	20	1615MST 1650MST			0	0			Thunderstorm Wind (G56)
Strong thunderstorm winds caused extensive blowing dust which reduced visibilities to less than one mile.									
Delta County Delta	20	1635MST 1650MST			0	0			Thunderstorm Wind
A few signs and some trees were blown over.									
Mesa County Palisade	20	1645MST 1700MST			0	0			Thunderstorm Wind
A metal roof was blown off a farm building and a silo was damaged.									
Montrose County Nucla	20	1900MST			0	0			Lightning
Lightning started several rangeland fires.									
Mesa County Grand Jct	21	1030MST			0	0	2K		Lightning
A surge of electricity from a nearby lightning strike traveled into a house through the electrical and telephone wires destroying the telephone and burning electrical outlets in the house.									
Routt County 20 S Hayden	21	1355MST 1400MST			0	0			Hail (1.75)
Rio Blanco County 60 ENE Meeker	21	1445MST 1455MST			0	0			Thunderstorm Wind
A half mile long and 500 foot wide area of old growth forest was leveled. Trees up to 2 feet in diameter were snapped off several feet above the ground. Several log cabins were damaged or destroyed. The downed trees were all lying in the same direction.									
Garfield County New Castle	26	1245MST 1250MST			1	0			Dry Microburst
A strong wind gust toppled the trusses of a building under construction. The trusses crushed a construction worker. M28LS									
Garfield County New Castle	26	1435MST 1445MST			0	0	10K		Dry Microburst
The corner of a convenience store and a canopy over the gas pumps were torn off by strong winds. Several vehicles were damaged by flying rocks, glass, and other debris.									
Montezuma County Cortez	27	1120MST 1145MST			0	0	100K		Heavy Rain
A heavy downpour of rain and hail caused the roof of a video and book store to collapse. The basement of the Justice Building was flooded and traffic was interrupted by flooded streets. Marble size hail accumulated up to a half foot in depth.									

CONNECTICUT, Northeast

NONE REPORTED.

CONNECTICUT, Northwest

NONE REPORTED.

CONNECTICUT, Southern

Fairfield County Countywide	03	0600EST 1800EST			0	0			Urban/Sml Stream Fld
New Haven County Countywide	03	0600EST 1800EST			0	0			Urban/Sml Stream Fld

A low pressure system off the Southeast U.S. Coast moved slowly northwest toward the Mid-Atlantic Coast. Blocked by a high pressure system to its' northeast, the low turned north and weakened as it passed just east of New York City before dawn on Tuesday, June 4th.

Heavy rain caused minor urban flooding (of low-lying and poor drainage areas), including street flooding. Several traffic accidents occurred as a result of "slick" roads.

Here are some specific rainfall amounts:

- o For Fairfield County - from 0.93 inches at Sikorsky Memorial Airport (Bridgeport) to 1.89 inches at Stamford.
- o For New Haven County - from 1.06 inches at North Cheshire Wells to 2.17 inches at Wallingford.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		

CONNECTICUT, Southern

Fairfield County Greenwich	13	1650EST			0	0			Flash Flood
Fairfield County Stamford	13	1725EST			0	0			Thunderstorm Wind
Fairfield County Greenwich	13	1806EST			0	0			Flash Flood

With moist unstable air in place, scattered severe thunderstorms formed in advance of a developing trough of low pressure.

As thunderstorms moved east at nearly 20 knots, they produced high winds and torrential rain. High winds knocked down power lines in Stamford. Rainfall rates up to 2 inches in less than 1 hour caused significant flooding along the Merritt Parkway and along streets in Greenwich.

DELAWARE

DEZ001

New Castle 08	1000EST 1900EST			0	8				Excessive Heat
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The combination of high temperatures near 90F and excessive humidity levels caused eight persons to suffer heat exhaustion during a day-long country music festival in Frawley Stadium near Wilmington.

New Castle County Northern	11	1600EST 2100EST			0	0			Flash Flood
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Thunderstorms with heavy rain dropped an estimated 1.5 to 2.0 inches of rain within the drainage basin of the Christina River, most of it within one hour. This caused the river to reach its flood stage of 9 feet at 5 p.m. EDT. It crested at 10.35 feet at 815 p.m. EDT and was within bankfull again at 10 p.m. EDT. Minor flooding also occurred along the Red and White Clay Creeks. No significant damage or injuries were reported.

Kent County Northern	19 20	1700EST 0400EST			0	0	300K		Flash Flood
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Slow moving thunderstorms with torrential downpours washed out two bridges and caused widespread street and highway flooding in the northern part of the county. Many roads were closed. Dover reported 3.11 inches of rain. One bridge washed out near Cheswold. Massey's Mill Pond Bridge was also washed out overnight on the 19th. Workers worked overnight to save the U.S. Route 13 bridge at Garrison's Lake. The lake itself started flooding at 7 p.m. EDT on the 19th. Four persons were rescued from flooded cars through 7 p.m. EDT on the 19th. Flooding also forced the evacuation of a mobile home park near Hartley. No serious injuries were reported.

DISTRICT OF COLUMBIA

District Of Columbia N Portion	18	0030EST 0200EST			0	0			Flash Flood
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Intense thunderstorms moved through the northeast half of Washington, causing a few road closures when low-lying areas flooded. Most notably, flooding was reported on 16th street N.W. at 0030EST, and a bit later on South Capitol St.

District Of Columbia Northwest	19	1738EST			0	1			Lightning
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A 22 year-old man was reported in critical condition after being struck by lightning during the early evening of the 19th.

District Of Columbia Northwest Portion	20	2155EST 2200EST			0	0	50K		Thunderstorm Wind
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District Of Columbia Northwest	20	2200EST 2300EST			0	0	30K		Flash Flood
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A rapidly developing thunderstorm knocked down numerous trees and large limbs in upper Northwest. Some of the trees fell onto automobiles. The associated torrential rains flooded Rock Creek and other low-lying areas in Northwest. Portions of the adjacent parkway were closed for up to 24 hours following the storm, snarling the next morning's and evening's rush. Potomac Electric Power Co. reported 4500 residents in the District and adjacent Maryland suburbs without power.

District Of Columbia Northwest	20	2200EST			0	0	25K		Lightning
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Lightning reportedly struck several homes in Northwest, sparking small fires.

District Of Columbia Citywide	24	1612EST 1622EST			0	0	150K		Thunderstorm Wind (G51)
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An accelerating heavy-precipitation supercell caused damage over both Southeast and upper Northwest Washington. Trees and wires were down in the Anacostia section, as well as a few downtown, in association with the core of the mesocyclone. Several trees and wires were knocked down in upper Northwest, a continuation of the downburst which earlier affected the Potomac-Bethesda area of Montgomery Co Maryland. Across the entire metropolitan region, this storm was the hardest hitting

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		

DISTRICT OF COLUMBIA

since June 14th, 1989. At least 270,000 Virginia Power and Potomac Electric Power Co customers were without power immediately after the storm. Some residents didn't receive power until 3 days after the storm.

One person perished indirectly from the storm. A 38 year old female utility worker, attempting to restore power in Northwest, was electrocuted by a live wire and died moments later.

FLORIDA, East Central

Brevard County Cocoa	08	1403EST			0	0				Hail (1.75)
Golf ball size hail fell in Cocoa.										
Brevard County 3 W Lake Poinsett to Lake Poinsett	08	1415EST			0	0				Hail (2.00)
Hail larger than galf balls fell west of Lake Poinsett.										
Brevard County 2 W Cocoa to Cocoa	08	1440EST			0	0	5K			Thunderstorm Wind
Trees and power lines were blown down 2 miles west of Cocoa.										
Brevard County West Cocoa	08	1515EST 1615EST			0	0	20K			Flash Flood
Thunderstorms with heavy rain produced minor flooding of streets and four houses in West Cocoa.										
Indian River County 2 W Vero Beach	08	1633EST			0	0				Hail (0.75)
Dime size hail fell just west of Vero Beach.										
Indian River County Vero Beach	09	1315EST			0	0				Thunderstorm Wind
Trees and power lines were blown down west of Vero Beach.										
Volusia County Barberville	15	1516EST			0	0				Hail (1.00)
Hail the size of quarters fell in Barberville.										
Volusia County De Bary	15	1530EST			0	0				Hail (1.00)
Quarter size hail fell in De bary.										
Seminole County Altamonte Spgs	15	1545EST			0	0				Hail (0.75)
Dime size hail fell in Altamonte Springs.										
Seminole County Lake Mary	15	1550EST			0	0				Hail (1.75)
Golf ball size hail fell in Lake Mary.										
Volusia County De Bary	15	1614EST			0	0	200K			Lightning
Fires started by lightning destroyed 2 condominiums in De Bary.										
Brevard County 1 W Cocoa Beach to Cocoa Beach	16	1000EST 1001EST			0	0				Waterspout
A waterspout touched down in the Banana River Lagoon 1 mile west of Cocoa Beach.										
Orange County Orlando	19	1330EST			0	3				Lightning
Three landscape workers were injured by lightning near the University of Central Florida in Orlando.										
Lake County Umatilla	19	1400EST			0	0				Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, East Central									
									Trees and power lines were blown down in Umatilla.
Orange County Orlando	19	1420EST			0	0	20K		Thunderstorm Wind (G60)
									Severe thunderstorm winds damaged a large hanger door and turned a Boeing 727 aircraft 180 degrees at Orlando International Airport.
Orange County Bithlo	19	1505EST			0	0			Thunderstorm Wind
									Trees were blown down in Bithlo.
Brevard County Melbourne	19	1603EST			0	0			Funnel Cloud
									A funnel cloud was sighted over Melbourne.
Brevard County Indian Harbour Beach	19	1619EST			0	0			Funnel Cloud
									A funnel cloud was reported by a National Weather Service meteorologist over Indian Harbor Beach.
Volusia County New Smyrna Beach	19	1625EST			0	0	70K		Lightning
									Fire started by lightning severely damaged a house in New Smyrna Beach.
Volusia County South Daytona	22	1400EST			0	0	35K		Thunderstorm Wind
									Trees and power lines were blwon down and a travel trailer was blown over in South Daytona.
St. Lucie County Port St Lucie	22	1427EST			0	0			Thunderstorm Wind
									Thunderstorm winds damaged porches and siding on two homes and destroyed a pool screen in Port St. Lucie.
Martin County Stuart	22	1500EST			0	0			Thunderstorm Wind
									Numerous trees, signs and house awnings were blown down or damaged in Stuart.
Orange County Winter Park	24	1600EST			0	0			Thunderstorm Wind
									Trees were blown down in Winter Park.
Seminole County Casselberry	25	1415EST			0	0			Thunderstorm Wind
									Trees were blown down in Casselberry.
Seminole County Casselberry	25	1415EST			0	0			Hail (0.75)
									Dime size hail fell in Casselberry.
Osceola County Kissimmee	25	1430EST			0	0			Thunderstorm Wind
									Trees were blown down damaging a mobile home in Kissimmee.
Orange County Orlando	25	1440EST			0	0			Lightning
									A man was injured by lightning in Orlando.
Lake County Clermont	25	1455EST			0	0	65K		Thunderstorm Wind (G60)
									Thunderstorm winds overturned a small airplane, damaged a travel trailer and blew down power lines in Clermont.
St. Lucie County Ft Pierce	26	1352EST			0	0			Thunderstorm Wind
									Large windows were blown out and the roof was damaged on a building in Ft. Pierce.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
FLORIDA, East Central										
Indian River County										
Vero Beach	26	1354EST			0	0	15K		Thunderstorm Wind	
A severe thunderstorm overturned a small aircraft at Vero Beach Municipal Airport.										
Volusia County										
Deltona	26	1410EST			0	0			Thunderstorm Wind	
Trees and power lines were blown down in Deltona.										
St. Lucie County										
Ft Pierce	26	1430EST			0	0	120K		Thunderstorm Wind (G70)	
Severe thunderstorm winds overturned a small aircraft, blew windows out of a building, and blew down trees and power lines in Ft Pierce. A construction crane was also blown off the roof of a building. Wind gusts to 81 mph were recorded at the Ft. Pierce Airport.										
Okeechobee County										
Okeechobee	26	1622EST			0	0	10K		Thunderstorm Wind	
Severe thunderstorm winds blew down power lines and damaged a tin roof in Okeechobee.										
FLORIDA, Northeastern										
Clay County										
Middleburg	07	1500EST			0	0			Hail (0.75)	
Nassau County										
Callahan	07	1536EST			0	0			Hail (0.75)	
Duval County										
(Jax)Jacksonville Int	07	1537EST			0	0			Hail (0.75)	
Duval County										
Jacksonville	07	1538EST			0	0			Hail (0.75)	
Hamilton County										
White Spgs	07	1605EST			0	0	2K	0.50K	Thunderstorm Wind (G60)	
Large trees and power lines were blown down.										
Putnam County										
Interlachen	07	1610EST			0	0			Hail (0.75)	
Duval County										
2 W Jacksonville	07	1640EST			0	0			Hail (0.75)	
Clay County										
Orange Park	07	1645EST			0	0	0.50K		Thunderstorm Wind (G60)	
Large tree limbs were blown down.										
Duval County										
Jacksonville	07	1700EST			0	0	5K		Thunderstorm Wind (G60)	
Large trees and power lines were blown down on Timucan Road, at Morse Avenue and Ednaray Road, and along Archer Road on the Westside.										
Union County										
Lake Butler	08	1355EST			0	0			Hail (0.75)	
St. Johns County										
Hastings	08	1600EST			0	0	2.5K		Thunderstorm Wind (G60)	
Power lines were blown down.										
Marion County										
Orange Lake	08	1605EST			0	0			Thunderstorm Wind (G60)	
Large trees were blown down.										
Marion County										
Orange Lake	08	1625EST			0	2	30K		Thunderstorm Wind (G65)	
Winds overturned a mobile home. Two injuries.										
Marion County										
Reddick	08	1657EST			0	0	0.50K		Thunderstorm Wind (G60)	
Large trees and power lines were blown down.										
Alachua County										
High Spgs	12	1900EST			0	0	6K		Thunderstorm Wind (G65)	
Large trees uprooted and power lines were blown down. One tree fell on an Alachua County school bus, parked along US-27. Trees also demolished a shed which contained bonzai trees.										

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
FLORIDA, Northeastern									
Nassau County Hilliard	13	1935EST			0	0			Hail (0.75)
Putnam County East Palatka	14	1545EST			0	0			Hail (0.75)
Putnam County Palatka	14	1600EST			0	0	3K		Thunderstorm Wind (G60)
	Large trees and power lines blown down								
Putnam County 1.1 SE Palatka to 1 E Palatka	14	1600EST 1610EST	0.1	10	0	0	10K		Tornado (F0)
	A waterspout/tornado damaged the Mulholland Boat House as it came ashore on the Westbank of the St. Johns River.								
Putnam County East Palatka	15	1330EST			0	0	2.5K		Thunderstorm Wind (G60)
	Numerous reports of large tree blown down.								
FLZ037	Putnam 15	1330EST 1600EST			0	0			Flood
	Flooding on US-17, SR-20 and SR-100.								
Putnam County Orange Mills	15	1700EST 1900EST			0	0			Flash Flood
	Flooding submerged a mobile home on a creek off SR-207 and Kelly Road near Orange Mills. Four persons evacuated.								
Marion County Ocala	16	1302EST			0	0	8K		Lightning
	Lightning struck the roof of an empty apartment complex.								
Flagler County 1 E Cresent Lake	20	1330EST 1400EST			0	0			Hail (1.00)
Duval County 8 SSE Jacksonville Intl Ap	20	1344EST			0	0			Thunderstorm Wind (G60)
	Winds estimated at more than 60 mph with visibility less than 10 feet 2 miles North of the Dames Point Bridge.								
Duval County Jacksonville	20	1515EST			0	0			Thunderstorm Wind (G60)
	Numerous reports of large tree limbs blown down.								
Clay County Middleburg	22	1505EST			0	0			Hail (0.75)
Marion County Salt Spgs	22	1520EST 1530EST			0	0	25K		Thunderstorm Wind (G60)
	Large trees destroyed a mobile home and damaged another.								
Duval County Jacksonville	22	1525EST 1540EST			0	0	3K		Thunderstorm Wind (G60)
	Several reports of large trees and power lines blown down on the Westside.								
Alachua County Hawthorne	23	1900EST			0	0			Hail (0.75)
Putnam County Crescent City	25	1808EST			0	0	2.5K		Thunderstorm Wind (G60)
	Large trees and power lines were blown down.								
Nassau County Callahan	26	1322EST			0	0	1.5K		Thunderstorm Wind (G60)
	Large trees uprooted on Musselwhate Road.								
Duval County Jacksonville	26	1600EST			0	1			Lightning
	A 34 old man was injured when his Westside home was struck by lightning. The victim was reaching into a refrigerator for a drink when the lightning struck. The man was taken to a hospital, treated and released.								

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
FLORIDA, Northeastern									
Marion County Ocala	26	1945EST			0	0	2K		Thunderstorm Wind (G60)
	Power lines were blown down at 183rd Avenue & SR-40, and at SR-326 & SR-301.								
Alachua County Gainesville	26	2030EST			0	1			Lightning
	Nine year old male was play a video game, lightning struck nearby, and the victim was rendered unconscious.								
Columbia County Lake City	26	2200EST			0	0	25K		Lightning
	More than ten suspect fires were caused by lightning.								
Duval County Jacksonville	26	2230EST 2350EST			0	0	25K		Flash Flood
	Flooding along Ft. Caroline Road and University Blvd. At I-95 and I-10 interchange (2 feet), and Greenland Road in Mandarin was closed.								
Marion County Ocala	27	2100EST			1	0	30K		Lightning
	Lightning started a roof fire at the top of a mobile home. The fire burnt down and it was determined that the resident died of smoke inhalation. M38MH								
Duval County Jacksonville Beach	30	1400EST 1600EST			0	3			Rip Currents
	Lifeguards saved three drowning swimmers from a rip current.								
St. Johns County Anastasia	30	1400EST			1	0			Rip Currents
	An out-of-state swimmer was caught in a rip current, was rescued but later died, about 10 hours after the incident. M32IW								
FLORIDA, Northwest									
Dixie County Cross City	07	1330EST			0	0	0	0	Hail (0.75)
	Dime size hail reported by sheriffs office.								
Leon County 5 W Tallahassee	18	1500EST			0	1	0	0	Lightning
	A man received minor burns from a lightning strike. The worker was at a waste disposal facility and was sitting in a metal chair when the lightning struck.								
FLORIDA, Southern									
Dade County 6 E Miami Intl	02	1300EST			1	0			Rip Currents
	A 15-year-old male drowned in a rip current at an ungarded stretch of beach in the 5700 block of Collins Avenue on Miami Beach. Winds were from the east at 20 mph. M15IW								
Dade County 1 E Homestead Afb	04	0515EST 0517EST			0	0			Waterspout
	A waterspout was sighted over Biscayne Bay just southeast of Homestead.								
Palm Beach County 2 E Lantana to 2.2 E Lantana	07	0510EST 0515EST			0	0			Waterspout
	A pilot observed a waterspout in the Atlantic just east of Lantana.								
Dade County 27 WSW Homestead to 27.5 WSW Homestead	07	1535EST 1540EST			0	0			Funnel Cloud
	A pilot spotted a funnel cloud over Everglades National Park, just east of the Pahokee Overlook along the main park highway.								
Palm Beach County Belle Glade	09	1415EST			0	1	50K		Lightning
	A corrections officer at the Belle Glade Correctional Institute was injured by a lightning strike. The lightning passed through a glass window of a security tower and shocked the woman sitting in a chair. Other lightning strikes throughout Palm Beach County did minor damage to a dozen houses and a lifeguard tower.								
Broward County 1 NW Ft Lauderdale Hlywd A	09	1555EST			0	0			Thunderstorm Wind (G55)
	Large tree limbs were blown down by severe thunderstorm winds one half mile north of Fort Lauderdale-Hollywood International Airport.								
Broward County 5 S Ft Lauderdale Hlywd A to 5.1 S Ft Lauderdale Hlywd A	09	1700EST 1703EST	0.1	5	0	0			Tornado (F0)
	A tornado briefly touched down along Stirling Road between Park Road and 56th Avenue, damaging trees. Street flooding in Fort								

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
FLORIDA, Southern							
Lauderdale was caused by up to 6.4 inches of rain in two hours.							
Dade County 6 E Homestead	11	0930EST 0935EST			0 0		Waterspout
A pilot spotted a waterspout over Biscayne Bay about six miles east of Homestead.							
Broward County 6 E Ft Lauderdale	12	0645EST			0 0		Waterspout
A pilot sighted a waterspout in the Atlantic about eight miles east of Fort Lauderdale Beach.							
Broward County Hollywood	12	1400EST			0 1		Lightning
A tow truck driver was injured by a lightning strike while unloading a car.							
Dade County 1 E Miami Beach to 1.2 E Miami Beach	13	0613EST 0615EST			0 0		Waterspout
Two waterspout were reported in the Atlantic just offshore Miami Beach.							
Broward County 5 E Ft Lauderdale to 5.2 E Ft Lauderdale	14	1632EST 1635EST			0 0		Waterspout
A waterspout was sighted in the Atlantic about five miles offshore Fort Lauderdale Beach.							
Dade County 3 SW Florida City to 3.1 SW Florida City	17	1440EST 1442EST	0.1	10	0 0		Tornado (F0)
A tornado briefly touched down southwest of Florida City. It caused no damage.							
Collier County 1 N Marco Is Arpt	17	1545EST			0 0		Funnel Cloud
A funnel cloud nearly touched down near the main bridge connecting the mainland to Marco Island.							
Collier County 4 E Naples	18	1315EST			0 0		Funnel Cloud
Funnel clouds were sighted near Golden Gate.							
Dade County 12 SSW Miami Intl	18	1750EST			0 0		Funnel Cloud
An off duty NWS employee spotted a funnel cloud in the Cutler Ridge area of South Dade.							
Palm Beach County Okeelanta	19	1330EST			0 0		Hail (1.50)
The sheriff's office reported 1.5 inch-diameter hail.							
Dade County 12 SSW Miami Intl	19	1851EST 1853EST			0 0		Thunderstorm Wind (G53)
Severe thunderstorm wind gusts blew off large tree limbs and uprooted trees in the Cutler Ridge area of south Dade.							
Palm Beach County Palm Beach Gardens	20	1100EST			0 1		Lightning
A man laying down sod was burned as lightning struck nearby. He was hospitalized in fair condition.							
Monroe County 24 SSE East Cape	21	0735EST 0740EST			0 0		Waterspout
A waterspout was sighted in the Gulf of Mexico, two miles south of Cape Romano.							
Palm Beach County 11 W (Pbi)Palm Beach Arpt	21	1500EST			0 1		Lightning
A man standing next to a tree was injured by a lightning strike.							
Broward County Miramar	21	1515EST			0 0		Thunderstorm Wind (G50)
Power lines were blown down by thunderstorm winds in Miramar.							
Palm Beach County 5 SE (Pbi)Palm Beach Arpt	21	1530EST			0 1		Lightning
A mail carrier in Lake Worth, standing in a puddle, was injured when lightning struck nearby.							
Broward County Hallandale to 1.5 SSE Hallandale	21	1530EST 1535EST	1.5	10	0 0		Tornado (F1)
A tornado touched down near Hallandale in southeast Broward County and moved into the Aventura area of adjacent northeast Dade County. Windows were blown out of one house with minor damage to several other houses and to five boats. Power lines also were blown down in northeast Dade County.							
Broward County Hallandale	21	1600EST			0 1		Lightning
A local television cameraman was shocked by lightning while filming damage of a tornado in Hallandale.							
Dade County 1 E Golden Beach	22	1400EST			0 0		Waterspout

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
FLORIDA, Southern									
A waterspout was sighted in the Atlantic just offshore Golden Beach.									
Broward County Cooper	23	1730EST			0	0			Thunderstorm Wind (G56)
A SKYWARN spotter estimated thunderstorm wind gusts of 65 mph in Cooper City.									
Broward County 1 N Pompano Beach	26	1400EST			0	0			Tstm Wind/Hail
A SKYWARN spotter reported wind gusts of 70 mph and small hail in Pompano Beach.									
Broward County Ft Lauderdale	27	1245EST			0	0			Thunderstorm Wind (G50)
A severe thunderstorm wind gust blew a large canopy off of the National Guard Armory in Fort Lauderdale.									
Palm Beach County Jupiter	27	1300EST			0	0			Lightning
The attic of a house caught fire after being struck by lightning.									
FLORIDA, West Central									
Lee County 3 S Ft. Myers	03	1615EST			0	0	3K		Dust Devil
A dust devil caused minor roof damage to a funeral home along Colonial Blvd. in Ft. Myers.									
Levy County 16 S Bronson	07	1417EST			0	0			Hail (0.75)
Dime sized hail was reported near the intersection of State Road 121 and County Road 337.									
Hillsborough County 9 NNW Tampa	07	1528EST 1545EST			0	0			Hail (1.00)
Quarter sized hail was reported near the intersection of State Roads 597 and 678.									
Hillsborough County 7 NW Tampa	07	1600EST 1605EST			0	0			Hail (0.75)
Dime sized hail was reported near the intersection of State Road 597 (Busch Blvd) and State Road 580 (Dale Mabry).									
Pinellas County 8 E Clearwater	07	1623EST			1	0			Lightning
A 38 year old male was struck and killed by lightning while roller blading across the Courtney-Campbell Causeway Bridge. The man was struck in the head by the lightning bolt and died instantly. M38OU									
Hillsborough County 25 SE Tampa	07	2200EST			0	0	3K		Thunderstorm Wind
Tampa Electric Company reported thunderstorm winds downed numerous large tree branches atop power lines. Several hundred customers were without power for several hours in rural southeast Hillsborough county.									
Citrus County 5 S Crystal River	08	1230EST			0	0	15K		Lightning
Lightning struck and destroyed a mobile home and shed in Homosassa approximately one mile east of U.S. Highway 19.									
Hernando County Spring Hill	08	1330EST			0	0	5K		Heavy Rain
Nearly a foot of rain fell in the vicinity of Spring Hill which caused three large sink holes to develop near Mariner Boulevard and Abbeyville Street. Another large sinkhole that developed along Captain's Road in Spring Hill from the heavy rain measured 40 feet wide by 35 feet deep.									
Pasco County Hudson	09	0200EST			0	0	20K		Thunderstorm Wind
Thunderstorm winds caused minor structural damage to a shopping center, mini-storage and nursery. Sections of aluminum siding were torn off a small building by thunderstorm winds in Hudson.									
Levy County 12 SE Chiefland to 27 SE Chiefland	10	0800EST 1100EST			0	0			Urban/Sml Stream Fld
Up to five inches of rain in less than two hours produced localized flooding of low lying areas along the U.S. Highway 19 corridor.									
Pasco County 4 N Dade City	10	1245EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds caused minor roof damage to a double-wide trailer and barn near the intersection of Powerline and Tracey Roads.									
Hillsborough County 3 N Tampa to 14 N Tampa	12	1400EST 1600EST			0	0			Urban/Sml Stream Fld
Heavy rainfall of up to 3.25 inches in one hour caused localized street flooding from Carrollwood to Lutz in the north Tampa metropolitan area.									
Citrus County 3 E Crystal River	14	1400EST 1415EST			0	0			Hail (0.75)
Dime sized hail fell in the Meadowcrest area along State Road 44 east of Crystal River. Observers reported the hailstorm lasted for 15 minutes.									

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Estimated Damage Injured	Property	Crops	Character of Storm
FLORIDA, West Central									
Levy County 19 SE Chiefland to 30 SE Chiefland	15	1100EST 1400EST			0	0			Urban/Sml Stream Fld
									Heavy rainfall of up to five inches in less than two hours caused localized street flooding from Lebanon to Otter Creek along the U.S. Highway 19 corridor.
Hernando County Spring Hill	15	1430EST			0	0	1K		Tstm Wind/Hail
									Thunderstorm winds of 40 to 45 mph caused minor wind damage to a mobile home and downed a few small trees.
Hillsborough County 8 SW Tampa	16	1753EST			0	0			Waterspout
									A waterspout was reported over Upper Tampa Bay south of and along the east side of the Gandy Bridge.
Hernando County 22 WSW Brooksville	17	1530EST			0	0			Waterspout
									A waterspout was observed over the Gulf of Mexico approximately two miles offshore of Aripeka.
Hillsborough County 5 NNE Tampa	17	1545EST			0	1			Lightning
									Lightning struck and slightly injured a male employee at Busch Gardens Amusement Park while talking on a PA system.
Manatee County 7 S Bradenton	17	1645EST			0	0			Hail (0.75)
Manatee County 2 W Bradenton	17	1715EST			0	0			Hail (1.50)
Lee County 7 SE Ft Myers	17	1750EST			0	0			Hail (0.75)
Manatee County 1 N Bradenton	17	1753EST 1900EST			0	0	50K		Urban/Sml Stream Fld
									Very heavy rainfall caused localized flooding of the 2000 block of 7th Avenue in Palmetto. Water as deep as two feet covered portions of the roadway which stalled and damaged several vehicles.
Manatee County Bradenton	17	1820EST			0	0			Heavy Rain
									An off-duty National Weather Service employee recorded 4.17 inches of rain in less than two hours.
Lee County 16 S Ft. Myers	17	1830EST 2000EST			0	0	5K		Urban/Sml Stream Fld
									Very heavy rainfall of up to four inches in less than two hours caused localized street flooding east of U.S. Highway 19 from San Carlos Park to Bonita Springs. The greatest local flooding occurred in Estero.
Lee County Lehigh Acres	18	1530EST			0	0			Hail (0.75)
Polk County 12 NE Lakeland	18	2135EST			0	0			Hail (0.75)
									Dime sized hail fell near the intersection of Interstate 4 and State Road 33.
Pasco County 7 N Dade City	18	2235EST			0	0			Hail (0.75)
									Dime sized hail fell near the intersection of U.S. Highway 301 and State Road 575.
Hernando County 17 E Brooksville	18	2250EST			0	0			Hail (0.75)
									Dime sized hail fell near the intersection of U.S. Highway 301 and U.S. Highway 98 in Ridge Manor.
Polk County 4 S Haines City	18	2255EST			0	0			Hail (0.75)
									Dime sized hail fell near the intersection of U.S. Highway 27 and State Road 544 in Lake Hamilton City.
Hernando County 8 SW Brooksville	18	2325EST			0	0	2K		Thunderstorm Wind
									Thunderstorm winds downed several large tree limbs and power lines along County Line Road near U.S. Highway 41.
De Soto County 4.5 S Arcadia	19	1340EST			1	0			Lightning
									A 47 year old male construction worker was struck and killed by lightning while getting out of his truck along U.S. Highway 17 and Joshua Creek Bridge. M47VE
Manatee County 1 N Bradenton	20	1200EST 1500EST			0	0	40K		Urban/Sml Stream Fld
									Four to five inches of heavy rain in less than two hours caused localized street flooding in Palmetto. A few homes and apartments received first floor water damage along 14th Street and 8th Avenue. Twenty-five to thirty percent of Palmetto reported minor flooding.
Sarasota County Sarasota	21	1441EST			0	0	10K		Thunderstorm Wind
									Downburst winds from a thunderstorm downed a few poles and signs onto a couple of vehicles in downtown Sarasota at 4th Street and North Washington Blvd. A few of the downtown stores had their first level windows blown in from the downburst wind.

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
FLORIDA, West Central									
Manatee County 2 SE Bradenton	21	1500EST 1700EST			0	0			Urban/Sml Stream Fld
Heavy rainfall of three to four inches on top of already saturated soils in less than four hours caused localized street flooding in southeast sections of Bradenton.									
Pasco County New Port Richey	24	1149EST			0	0			Thunderstorm Wind (G49)
A thunderstorm produced a 56 mph wind gust at the Tampa Bay Executive Airport.									
Pinellas County Clearwater	24	1300EST			0	0	75K		Lightning
Lightning struck and gutted a home in Clearwater. The lightning initially struck a roof antenna and then traveled to a television which caught on fire and eventually ignited the interior of the home.									
Pinellas County Redington Beach	24	1304EST			0	0			Tstm Wind/Hail
Thunderstorm wind gusts of 40 to 50 mph caused patio furniture to be blown off a deck and into the water. Thunderstorm winds also downed scattered small tree limbs throughout Redington Beach.									
Pinellas County Pinellas Park	24	1305EST 1400EST			0	0			Urban/Sml Stream Fld
Estimated rainfall of 2.0 to 2.5 inches in less than one hour caused localized street flooding of three to four feet in parts of Pinellas Park.									
Lee County Cape Coral	25	0740EST 0930EST			0	0	10K		Lightning
Lightning struck and damaged a power transformer which caused nearly 36,000 Lee County Electrical Cooperative customers to loose power for nearly two hours. Most of the customers affected by the power outage were located in Cape Coral, Pine Island, North Fort Myers, Sanibel and Captiva Islands.									
Hillsborough County 4 NW Tampa	25	1410EST			0	0	4K		Thunderstorm Wind
A carport and a shed were destroyed by thunderstorm winds in the Horizon Park area near Tampa Stadium.									
Polk County 5 SE Winter Haven	25	1445EST			0	0	2K		Thunderstorm Wind
Thunderstorm winds downed several large trees in the Lake Daisy area along Fox Haven Drive. Also, a large 100 year oak tree was uprooted on Inman Drive.									
Citrus County Inverness	25	1700EST			0	0			Lightning
A two year old mixed breed dog was killed instantly when lightning struck the metal leash attached to his leather collar. The animal was in a dog house that was directly under a tree. The metal leash, encased in plastic, was attached to a nylon clothes line that stretched across the dog owners yard.									
Polk County 4 NE Haines City	26	1230EST			0	1	1K		Lightning
A 51 year old woman was injured by lightning that struck a tree one foot away from where she was standing. The lightning bolt first struck the tree, then arced to the woman's chest, which knocked her to the ground with first, second and third degree burns across the top right side of her chest.									
The lightning arced from the woman to a parked vehicle which she had touched with her car keys. The vehicle's alternator and computer system was damaged by the electrical surge.									
Hillsborough County 20 SE Tampa	26	1520EST			0	0	2K		Thunderstorm Wind
Several large trees were blown down by thunderstorm winds and blocked roads near State Road 39 and County Road 640 in Lithia.									
Hillsborough County 3 E Tampa	26	1730EST			0	0			Hail (0.75)
Penny sized hail was reported at the intersection of U.S. Highway 41 and State Road 60.									
Hillsborough County 3 E Tampa	26	1730EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds downed several large tree limbs near U.S. Highway 41 and State Road 60. A steel light pole on the Crosstown Expressway was downed by the wind across several lanes.									
Hillsborough County Tampa	26	1820EST			0	0			Thunderstorm Wind (G49)
A thunderstorm wind gust of 57 mph was recorded at WTVT-TV studios.									
Hillsborough County Tampa	26	1820EST			0	0	10K		Thunderstorm Wind
Thundertorm winds damaged the walls and roofs of a few buildings in the Ybor City area of Tampa. Numerous trees and billboards were also downed by thunderstorm winds in downtown Tampa.									
Hillsborough County Northern	26	1830EST 2030EST			0	0			Urban/Sml Stream Fld

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
<u>FLORIDA, West Central</u>									
Heavy rainfall of three to five inches in less than four hours caused localized street flooding over a broad area of northern Hillsborough county.									
Pinellas County 6 N St Petersburg	26	1840EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds blew out a large window on the east side upper level plaza of the Derby Lane Greyhound Track on U.S. Highway 92 (Gandy Blvd). Two mobile homes were heavily damaged by thunderstorm winds in the Gateway Mobile Home Park on First Street North.									
Pinellas County 7 N St Petersburg	26	1920EST			0	0			Thunderstorm Wind (G53)
A thunderstorm wind gust of 61 mph was recorded at WTSP-TV along U.S. Highway 92 (Gandy Blvd).									
Pinellas County 7 N St Petersburg	26	1920EST			0	0			Thunderstorm Wind
Thundertorm winds downed a few small trees along Gandy and 4th Street at the Waterford Apartments.									
Levy County Chiefland	26	1925EST			0	0	4K		Thunderstorm Wind
Thunderstorm winds blew a large tree atop a house which caused rafter and roof damage. Several large branches and a few power lines were also downed by the thundertorm winds in Chiefland.									
Pinellas County 6 N St Petersburg	26	1930EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds removed large pieces of a soffit from the Derby Club overhang at Derby Lane Greyhound Track on U.S. Highway 92 (Gandy Blvd). A few large trees and power lines were downed near U.S. Highway 92 and 4th Street North.									
Citrus County 1 N Crystal River	26	2010EST			0	0			Hail (0.75)
Citrus County Crystal River	26	2020EST			0	0			Hail (0.75)
Citrus County Inverness	26	2035EST			0	0			Thunderstorm Wind
Thunderstorm winds downed a few large trees in Inverness.									
Pinellas County 1 SW Treasure Island	27	0755EST			0	0			Waterspout
A short-lived waterspout was reported near Treasure Island.									
Charlotte County 22 E Port Charlotte	27	1130EST			0	1			Lightning
A 24 year old male was struck and injured by lightning while standing next to metallic farm equipment along State Road 31 near the DeSoto/Charlotte county border.									
Lee County 15 S Ft. Myers	27	1250EST			0	0			Waterspout
A short-lived waterspout was reported by a pilot near Estero Island.									
Pasco County 8 N New Port Richey	27	1650EST			0	1			Lightning
A male tow-truck operator was struck and slightly injured by lightning while standing next to his vehicle.									
<u>FLORIDA, West Panhandle</u>									
Escambia County Pensacola	07	0900CST			0	0	2K		Lightning
LIGHTNING STRUCK THE TRANSMITTER AT WUWF PUBLIC RADIO STATION IN PENSACOLA. THE STATION WAS KNOCKED OFF THE AIR FOR MORE THAN A WEEK.									
Santa Rosa County Munson	07	0920CST			0	0			Hail (0.75)
DIME SIZE HAIL WAS REPORTED NEAR MUNSON.									
<u>GEORGIA, East Central</u>									
Lincoln County Lincolnton	13	1530EST			0	0			Thunderstorm Wind (G50)
A severe thunderstorm damaged a new building on a golf course and blew down numerous trees in Lincolnton.									
<u>GEORGIA, Lower</u>									
Charlton County St George	07	1805EST			0	0	2K		Thunderstorm Wind (G60)
Large trees and power lines were blown down.									
Pierce County Blackshear	08	1500EST			0	0	0.50K		Thunderstorm Wind (G60)
Powerlines blown down.									
Camden County Cumberland Island	15	1600EST			0	1			Lightning
A 39 year old women on the beach at Cumberland Island was struck by lighting. She was rushed to a local hospital, where she was									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
GEORGIA, Lower							
							placed in the intensive care burn unit. The victim was discharged the next week.
GEORGIA, North and Central							
Rockdale County							
Magnet	04	1441EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds knocked several trees and power lines down.
Telfair County							
Lumber City	07	2009EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds knocked down power lines. One railroad crossing guide was also blown over.
Hancock County							
Devereux	08	1931EST			0 0	2K	Thunderstorm Wind
							Thunderstorm winds knocked down trees and one power line. The roof of one home had roof damage.
Haralson County							
4 W Tallapoosa	08	2016EST 2036EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds blew trees down on Surret Road and Broad Street. A tree was downed on a power line on Pope Lake Road. The damage all occurred in western Haralson county near the Alabama border.
Rockdale County							
5 S Conyers	12	1800EST			0 0	3K	Hail (2.75)
							Quarter size hail was reported by the Rockdale County Sheriff's office. The WSB-TV meteorologist received reports of golfball to small orange (baseball) size hail covering the ground. Damage was reported to cars and trees.
Newton County							
Covington	12	1835EST			0 0		Hail (0.75)
							Newton County 911 reported dime size hail.
Sumter County							
1 N Americus	13	1315EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds blew power lines down.
Fulton County							
Atlanta	13	1344EST			0 4	5K	Thunderstorm Wind
							Thunderstorm winds blew down a large event tent near Fulton County Stadium that was to be used in the Summer Olympics. There were four minor injuries.
Jasper County							
Monticello	13	1416EST			0 0	0.50K	Thunderstorm Wind
							Thunderstorm winds knocked a few trees down.
Jones County							
Round Oak	13	1500EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds blew down 2 or 3 large trees across a deputy's driveway near Highway 11 between Round Oak and Hillsboro.
Marion County							
Dranesville	13	1515EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds blew limbs down on power lines causing power outages.
Schley County							
4 W Ellaville	13	1537EST			0 0	1K	Thunderstorm Wind
							Thunderstorm winds knocked several trees down on Highway 26.
Wheeler County							
4 SE Alamo	13	1545EST			0 0	0.50K	Thunderstorm Wind
							Thunderstorm winds knocked trees down on power lines.
Glascock County							
Edgehill	13	1546EST			0 0		Hail (1.00)
							A weather spotter reported dime to quarter size hail.
Glascock County							
3 SW Gibson	13	1603EST			0 0		Hail (1.00)
							A ham radio operator reported quarter size hail.
Twiggs County							
4 SE Bullard	13	1700EST 1715EST			0 0	0.50K	Thunderstorm Wind
							Thunderstorm winds knocked two trees down across power lines.
Baldwin County							
5 W Milledgeville	14	1810EST			0 0		Hail (0.75)
							Sheriff's office reported hail so bad officer could not get out of his car. Size of hail was given as dime size.
Jefferson County							
Bartow	15	1849EST 1850EST	0	20	0 0	10K	Tornado (F0)
							A possible tornado touched down briefly on Baldee Road between Bartow and Louisville. It damaged a cattle barn and power

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>GEORGIA, North and Central</u>									
	poles. A tree was downed and there was debris over the road. The length and width are estimated.								
Cobb County Marietta	25	1329EST			0	1	15K		Thunderstorm Wind (G66)
	A sudden severe thunderstorm brought high winds that knocked down several pine trees. One fell on a house in south Marietta causing a nine year old boy to sustain a broken arm. High winds snapped an electric power pole in Marietta, downing power lines on the roadway and causing power outages. Wind gusts to 75 mph were recorded at Dobbins AFB.								
Henry County 3 N Stockbridge	25	1443EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds knocked two or three trees down. Lightning caused a structure fire.								
Rockdale County Conyers	25	1446EST			0	0			Lightning
	Four homes were hit by lightning. There were several structure fires.								
Newton County 5 S Covington	25	1453EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds knocked two trees and several power lines down.								
Macon County 3 E Oglethorpe	25	1530EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds knocked down 3 to 4 trees. Some power lines were downed.								
Houston County Grovania	25	1550EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds knocked 2 or 3 trees down. There was also minor shingle damage to roofs of a couple of houses.								
Dodge County 7 N Eastman	25	1610EST			0	0	0.50K		Thunderstorm Wind
	Thunderstorm winds knocked power lines down.								
Coweta County Moreland	25	1615EST			0	0	2K		Thunderstorm Wind
	Thunderstorm winds knocked several trees down on power lines.								
Bleckley County Cochran	25	1630EST			0	0	0.50K		Thunderstorm Wind
	Thunderstorm winds knocked a few trees down onto roads.								
Jefferson County Wadley	26	2010EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds knocked a telephone pole down on MLK Drive.								
Washington County 9 SE Riddleville	26	2020EST			0	0	0.50K		Thunderstorm Wind
	Thunderstorm winds knocked down power lines along the border of Johnson and Washington counties.								
<u>GEORGIA, Northeast</u>									
Franklin County Lavonia	04	1300EST 1320EST			0	0	25K		Thunderstorm Wind (G50)
	A severe thunderstorm blew down numerous trees and powers lines and blew part of a roof off of a business.								
Rabun County 2 NW Dillard	15	1530EST 1550EST			0	0			Thunderstorm Wind (G50)
	A severe thunderstorm blew down a number of trees and caused large amounts of marble sized hail.								
<u>GEORGIA, Southeast</u>									
GAZ087>088-099>101-114>119-137>141	Jenkins - Screven - Candler - Bulloch - Effingham - Tattnall - Evans - Inland Bryan - Coastal Bryan - Inland Chatham - Coastal Chatham - Long - Inland Liberty - Coastal Liberty - Inland McIntosh - Coastal McIntosh								
	01 30	0000EST 2359EST			0	0			Excessive Heat
	Below normal rainfall continued through June along with hot and humid temperatures. The hot and dry conditions were significantly impacting agricultural operations across southeast Georgia.								
Chatham County Savannah	13	1505EST			0	0			Hail (1.25)
Chatham County Savannah	13	1515EST			0	0			Hail (1.75)
Chatham County Vernonburg	13	1605EST 1610EST			0	0			Hail (0.75)
Chatham County 3 ENE Savannah	13	1630EST			0	0			Thunderstorm Wind (G50)
	Trees down.								
Bryan County Keller	14	1545EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>GEORGIA, Southeast</u>									
Bulloch County 2 E Statesboro	15	1816EST 1820EST			0	0			Hail (2.50)
Bulloch County Statesboro	15	1844EST 1850EST			0	0			Hail (0.88)
Screven County Sylvania	15	1900EST 1910EST			0	0			Thunderstorm Wind (G50)
Several trees and power lines down.									
Screven County Rocky Ford	15	1920EST 1924EST			0	0			Hail (0.75)
Effingham County 5 ENE Springfield to 8 ENE Springfield	17	1545EST 1550EST			0	0			Thunderstorm Wind (G55)
Several trees down, top blown off a double-wide mobile home, and ultra light plane hangar damaged.									
Effingham County 3 ENE Springfield	17	1545EST 1548EST			0	0			Hail (1.50)
Chatham County Savannah	21	1500EST			0	0			Thunderstorm Wind (G50)
Large tree limbs down.									
Chatham County Savannah	21	1710EST			0	0			Lightning
Lightning caused house fire.									
<u>GEORGIA, Southwest</u>									
Grady County Countywide	07	1545EST			0	0	12K	0.50K	Thunderstorm Wind
Trees and limbs were blown down around the county. Several roof tops were damaged. A pool hall received damage from a pecan tree in Cairo.									
Colquitt County 5 SW Funston	15	1805EST			0	0	0	0	Hail (1.00)
Sheriffs office reported 1 inch hail.									
<u>GEORGIA, West Central</u>									
Muscogee County Columbus	23	1200EST			0	0	10K	0	Thunderstorm Wind (G50)
Several large tree limbs were downed along with several power lines that knocked out power to the city.									
Muscogee County Columbus	24	1430EST			0	0	15K	0	Thunderstorm Wind (G50)
Several trees were reported down along with power outages across the city of Columbus.									
<u>HAWAII</u>									
Hawaii County Kawaihae/Puako	08 09	2200HST 0300HST			0	0			Urban/Sml Stream Fld
Road flooding reported in parts of the South Kohala District.									
Maui County Lanai City	09	1200HST 1400HST			0	0			Urban/Sml Stream Fld
Street flooding reported in the Lanai City area.									
Kauai County Wailua/Anahola	09	1200HST 1430HST			0	0			Urban/Sml Stream Fld
Streams flooded and water ponded on roads in areas of east Kauai.									
Honolulu County N Shr/Cntrl/Wndwd/Se	09	1200HST 2000HST			0	0			Urban/Sml Stream Fld
Many roads had minor flooding in the following areas: Waiialua, Haleiwa, Wahiawa, Mililani, Punaluu, Kaneohe, Kailua, Waimanalo, and Hawaii Kai. Some small streams along the windward side of Oahu also produced minor flooding.									
Hawaii County N & S Kohala	09	1500HST 1730HST			0	0			Urban/Sml Stream Fld
Cooler air aloft with an upper low pressure center just north of the Hawaiian Islands kept the airmass unstable over all islands on the 9th. Convection was focused over the islands during the afternoon hours. Heavy showers lingered into the evening hours on Molokai where the runoff flooded some roads along the south side of the island.									

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm	
HAWAII										
Maui County										
Kaunakakai/Kamalo	09	2100HST 2210HST			0	0			Urban/Sml Stream Fld	
										Heavy showers produced runoff that washed out parts of the roadway along the south shore of Molokai between Kaunakakai and Kamalo.
Honolulu County										
Kaneohe Bay	10	1045HST			0	0			Waterspout	
										A waterspout was over the south end of Kaneohe Bay just offshore of Moku O Loe Island, also known as Coconut Island. The waterspout was nearly stationary and was captured by still and video photographers.
Maui County										
Pailolo Channel	11	0936HST			0	0			Waterspout	
										A waterspout was observed over the Pailolo channel between Molokai and Lanai.
Honolulu County										
3 SSE Hawaii Kai	12	0854HST			0	0			Waterspout	
										A waterspout was observed offshore of Koko Head.
Hawaii County										
Kailua Kona	12	0950HST			0	0			Funnel Cloud	
										A funnel cloud was observed in the vicinity of Kailua-Kona.
Honolulu County										
2 SW Wahiawa	12	1330HST			0	0			Lightning	
										A 23-year-old National Guardsman was struck by lightning at Wheeler Army Air Field while standing behind a helicopter. He was knocked unconscious for about 10 minutes and hospitalized for observation with only minor injury. A mechanic working on a nearby helicopter saw a bright flash strike near the helicopter's rotor blade.
Honolulu County										
N Cntrl/Nw Oahu	12	1400HST 1500HST			0	0			Urban/Sml Stream Fld	
										Heavy showers, ahead of a weak frontal boundary moving slowly southeast toward Oahu, brought small stream and street flooding to the Lualualei area, the Waianae Coast from the town of Waianae northward, and central Oahu from Wahiawa northward. The rain gage at Lualualei recorded 1.04 inches in 15 minutes.
Honolulu County										
Pearl City	12	1425HST			0	0			Funnel Cloud	
										A funnel cloud was observed over Pearl City.
Honolulu County										
Waianae Range/Coast	13	1215HST 1450HST			0	0			Urban/Sml Stream Fld	
										Heavy showers for a second day in a row produced small stream and street flooding in parts of the Waianae Range and Waianae Coast. The Farrington Highway was closed due to high water in two locations and Homestead Road was flooded, blocking access to Lualualei Valley. The rain gage at Lualualei recorded 2.4 inches. During the 12th and 13th, Lualualei received nearly 5 inches of rain.
Hawaii County										
Kealahou	20	1915HST 2040HST			0	0			Urban/Sml Stream Fld	
										Localized heavy showers produced minor flooding, and runoff deposited debris on roads in the Kealahou and Kailua-Kona areas. Brief downpours with rainfall rates of 0.50 of an inch in 15 minutes were recorded.
Hawaii County										
Kailua Kona	22	1935HST 2110HST			0	0			Urban/Sml Stream Fld	
										Widespread street flooding was reported in the vicinity of Wai'aha Stream where 2.10 inches of rain fell in a 1 hour period.
Honolulu County										
Cntrl/Nrn Koolau Rng	29	0950HST 1430HST			0	0			Urban/Sml Stream Fld	
										An upper level low over Oahu destabilized the area and heavy showers occurred over the central and north parts of the Koolau Mountains. Localized flooding of streams and streets was reported in the Waimea Bay and Sacred Falls areas. In Honolulu, Kalihi Street was closed near Kalaepaa Drive due to high water.
Kauai County										
Wainiha/Haena	30	0510HST 0915HST			0	0			Urban/Sml Stream Fld	
										A westward moving upper level low just north of Kauai set off heavy showers over the north shore. Minor flooding of streams, drainage ditches and roads was reported in the Wainiha and Haena areas.

IDAHO, Extreme Southeast

NONE REPORTED.

IDAHO, North

NONE REPORTED.

IDAHO, Northwest

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
IDAHO, Southeast									
Fremont County St Anthony	03	1625MST			0	0			Hail (0.75)
	Thunderstorm with brief heavy rain, no wind and dime-size hail.								
Madison County Sugar City	03	1630MST 1635MST			0	0			Hail (1.75)
	Sheriff Deputy reported Golfball-size hail while entering north part of Sugar City.								
Madison County 1 NE Sugar City	03	1635MST 1640MST			0	0			Hail (1.75)
	Weather spotter observed golfball-size hail.								
Madison County 3 ESE Newdale	03	1700MST			0	0			Hail (1.75)
	Golfball-size hail damages vehicle.								
Madison County 6 ESE Newdale	03	1710MST			0	0			Hail (1.75)
	Hail dime to Golfball-size strips some leaves off trees. Spotter located at junction of Highway 33 and Canyon Creek Road.								
Teton County 2 S Victor	03	1747MST			0	0			Hail (0.25)
Lincoln County Dietrich	07	1929MST			0	0			Heavy Rain
	Thunderstorm with heavy rain and frequent lightning.								
Lincoln County 15 E Dietrich	07	2048MST			0	0			Heavy Rain
	Heavy rain in eastern Lincoln County with sheriff report of wind gusts to 30 mph.								
Power County Rockland	08	1635MST			0	0			Hail (0.75)
Bannock County 2 NE Pocatello	08	1650MST			0	0			Tstm Wind/Hail
Bingham County Springfield	08	1655MST			0	0			Thunderstorm Wind (G52)
Bannock County Pocatello	08	1707MST			0	0			Tstm Wind/Hail
	Tree limbs down in Ross Park.								
Lincoln County Shoshone	08	1715MST			0	0			Hail (0.75)
	Dime-size hail and 0.25 precipitation in 10 minutes.								
Lincoln County Shoshone	08	1720MST			0	0			Hail (0.50)
	Numerous reports of 0.50 inch hail called to sheriff.								
Lincoln County Shoshone	08	1731MST			0	0			Thunderstorm Wind (G52)
	0.80 precipitation and winds to 60 mph observed from storm.								
Caribou County Bancroft	08	2133MST			0	0			Tstm Wind/Hail
	Wind damage to a building.								
Bannock County Pocatello	13	1500MST			0	0			Heavy Rain
	Heavy rain and pea-size hail observed in Mink Creek area along south part of Pocatello.								
Bannock County 1 S Pocatello	13	1510MST			0	0			Hail (0.75)
	A weather spotter in Johnny Creek area reported 0.27 precipitation and dime-size hail.								
Power County 15 S Pocatello	13	1524MST			0	0			Heavy Rain
	Heavy rain, pea-size hail and winds 30 to 40 mph in Crystal.								
Bannock County 5 SE Pocatello	13	1525MST			0	0			Heavy Rain
	Heavy rain reported from Inkom Port of Entry.								
Power County Cold Water	13	1540MST			0	0			Hail (0.75)
Power County 10 WNW American Falls to 10.5 WNW American Falls	13	1900MST 1915MST	0.5	50	0	0			Tornado (F0)
	A Power County Sheriff deputy reported a tornado over the lava fields about 10 miles WNW of American Falls. No roads or structures were near the tornado.								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
IDAHO, Southeast									
Cassia County 1 SW Oakley	14	1559MST			0	0			Lightning
	Power lost due to lightning								
Minidoka County 12 N Rupert	14	1645MST			0	0			Tstm Wind/Hail
	Power lines down. Skirt from trailer broken off. 150 pound dog house and bicycle blown several feet.								
Bannock County Chubbuck	14	1707MST			0	0			Dry Microburst
Bannock County 2 NE Pocatello	14	1757MST			0	0			Dry Microburst
Bannock County 2 NE Pocatello	15	1610MST			0	0			Tstm Wind/Hail
Cassia County 1 SW Burley	15	1614MST			0	0			Heavy Rain
	Thunderstorm with heavy rain.								
Power County 10 NE American Falls	15	1810MST			0	0			Dry Microburst
	A dry microburst produced high winds and blowing dust with visibilities reported near zero.								
Power County 7 WSW Pocatello	15	1820MST			0	0			Thunderstorm Wind (G53)
Fremont County 8 ESE Ashton	21	1700MST			0	0			Hail (1.00)
	Very heavy rain showers accompanied thunderstorm and hail.								
Fremont County Ashton	21	2051MST			0	0			Lightning
	Continuous lightning with 9-12 strikes per minute were associated with a thunderstorm northeast of Ashton.								
Teton County 7.5 W Tetonia	22	0150MST			0	0			Hail (0.75)
	Very heavy rain showers accompanied thunderstorm and hail.								
Butte County 3 E Howe	22	1240MST			0	0			Hail (0.25)
	0.60 precipitation with most of it in the form of pea-size hail.								
IDAHO, Southwest									
Canyon County Wilder	07	1900MST 1930MST			0	0	30K		Thunderstorm Wind (G70)
Canyon County 2 E Caldwell	07	1900MST 1930MST			0	0	20K		Thunderstorm Wind (G70)
Canyon County 2 W Middleton	07	1900MST 1930MST			0	0	30K		Thunderstorm Wind (G60)
	A microbrust from high-based thunderstorms in Canyon county produced 70 mile an hour winds. In Wilder the roof was torn off of a house. In Caldwell, five large trees were blown down and one damaged a parked car, an aluminum shed was thrown 50 feet. A grainery in Middleton was thrown over a fence and landed in a neighbor's pool.								
Twin Falls County Twin Falls	07	1945MST 2030MST			0	0			Urban/Sml Stream Fld
Twin Falls County 4S Twin Falls	07	1950MST 2000MST			0	0			Heavy Rain
Twin Falls County Filer to Twin Falls	07	2000MST 2100MST			0	0			Flash Flood
	Heavy rain from thunderstorms that developed in the Southeast corner of the state redeveloped in Twin Falls county. Three tenths of an inch fell in less than five minutes. The highway between Filer and Twin Falls City was submerged from the heavy rain. The streets in Twin Falls also sustained some flooding.								
Jerome County Jerome County	07	2000MST 2100MST			0	0			Lightning
	Lightning from a series of pulse storms started several spot fires throughout Jerome county. Also causing a power outage for a couple of hours in the county.								
Twin Falls County Castleford	08	1600MST 1630MST			0	0			Heavy Rain
Gooding County Gooding	08	1700MST 1900MST			0	0			Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>IDAHO, Southwest</u>									
Thunderstorm winds downed trees in Gooding county five miles west of the city of Gooding and just north of Wendell. The storm also knocked telephone service out in Gooding.									
Twin Falls County 2 NE Rogerson to Rogerson	13	1400MST 1500MST			0	0			Hail (1.00)
Twin Falls County 2 SE Murtaugh to Murtaugh	13	1500MST 1630MST			0	0			Hail (0.75)
Severe thunderstorms developed in Twin Falls county. These storms produced upto 1 inch hail, winds gusting to 60 miles per hour and brief heavy rains.									
Twin Falls County Hollister	13	1520MST 1600MST			0	0			Thunderstorm Wind (G60)
Ada County 4W Boise	15	1614MST 1800MST			0	0			Heavy Rain
Elmore County Rattlesnake Springs	15	1645MST 1845MST			0	0			Heavy Rain
Several thunderstorms in the area produced heavy rains in Ada and Elmore counties. Northwest of Boise a quater of an inch fell in less than 30 minutes. In Elmore County one inch of rain fell in 45 minutes. There were several reports of standing water on the roads and possible flash flooding in dry country.									
Gooding County Bell Rapids to N Of Hagerman	16	1900MST 2000MST			0	0			Thunderstorm Wind (G60)
Strong downburst winds gusting to 60 miles per hour blew the windows out of a home in Gooding County.									
Boise County Placerville	26	1640MST 1800MST			0	0			Heavy Rain
Boise County 4 N Idaho City to Idaho City	26	1650MST 1800MST			0	0			Thunderstorm Wind (G60)
Severe thunderstorms in Boise County produced .80 inches in 20 minutes at Placerville. Near Idaho City, winds gusting to 60 miles an hour downed a 150 foot tree that was 21/2 feet in diameter.									
Twin Falls County 2 NE Rogerson	27	2030MST 2130MST			0	0			Hail (0.75)
Dime size hail fell from a severe thunderstorm in Twin Falls County.									
Owyhee County Bruneau	28	1850MST 2000MST			0	0			Heavy Rain
Thunderstorms in Owyhee County produced half an inch of rain in less than a half hour.									
<u>ILLINOIS, Central</u>									
Peoria County 3 E Brimfield	02	1910CST			0	0	0	0	Thunderstorm Wind
Thunderstorm winds blew down a large tree which blocked the west-bound lane of the blacktop between Brimfield and Jubilee Park.									
Fulton County Canton	02	1950CST			0	0		0	Thunderstorm Wind
Thunderstorm winds caused damage to some windows on one residence on the north side of Canton. No damage estimate was available.									
Sangamon County Divernon/Pawnee	02	2120CST			0	0			Hail (1.75)
Christian County Taylorville	02	2140CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down a large tree and numerous tree limbs in Taylorville.									
Peoria County 1 SSW Mossville	06	1845CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down several trees 1 mile south southwest of Mossville in the Brookview Estates Subdivision, which caused some minor damage to a few homes in the area. No injuries were reported and no damage estimate was available.									
Peoria County Mossville	06	1855CST 1955CST			0	0			Flash Flood
Several homes sustained minor flood damage when between 3 and 4 inches of rain fell in a short amount of time in Mossville. Route 29 was flooded for a while. The flooding uprooted numerous trees which were strewn over the Route 6. No injuries were reported and no damage estimate was available.									
Logan County 2.5 SE New Holland to Hartsburg	06	1859CST 1930CST	8.5	50	0	0			Tornado (F0)

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Damage Crops	Character of Storm
ILLINOIS, Central									
A tornado touched down 2.5 miles southeast of New Holland. It travelled to the northeast for half a mile before lifting. The tornado caused minor damage to one home and several out buildings. One very old barn was destroyed when a tree was blown down on it. Numerous trees in the area were blown down. After lifting, the funnel cloud continued to move to the northeast and briefly lowered to tree-top level in Hartsburg where a few tree tops were damaged and some power lines knocked down. No injuries were reported and no damage estimate was available.									
Vermilion County Danville	09	1900CST 2100CST			0	0			Flash Flood
Slow moving thunderstorms produced between 1 and 2 inches of rain in a short period of time in the Danville and Tilton areas. Numerous streets were flooded and several people had to be rescued from their cars after driving into flooded areas. Several homes sustained minor flood damage and no injuries or deaths were reported. No damage estimate was available.									
Marshall County Sparland	13	1325CST			0	0			Hail (1.00)
Marshall County Sparland/Lacon	13	1353CST			0	0			Hail (1.50)
Marshall County Sparland	13	1415CST 1600CST			0	0			Flash Flood
Slow moving thunderstorms produced between 3 and 5.5 inches of rain in 2.5 hours near Sparland. Flooding closed Route 17 for several hours and one trailer home sustained minor flood damage. No injuries were reported and no damage estimate was available.									
Stark County 1 SE La Fayette	13	1430CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down a one and half foot diameter tree 1 mile southeast of Lafayette.									
Knox County 7 NE Victoria	13	1500CST			0	0		0	Thunderstorm Wind
Thunderstorm winds tore the roof off of a barn and a house 7 miles northeast of Victoria. Also, a windmill was blown down. No damage estimate was available.									
Knox County Dahinda	13	1530CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down several trees near Dahinda.									
Knox County Maquon	13	1545CST			0	0			Hail (1.75)
Golfball sized hail was reported in Gilson, Maquon, and 3 miles southeast of Dahinda.									
Edgar County Kansas	14	1540CST			0	0		0	Thunderstorm Wind
Thunderstorm winds caused roof damage to the high school in Kansas. No injuries were reported and no damage estimate was available.									
Macon County Niantic	17	1401CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down several power lines and large tree limbs in the Niantic area.									
Logan County Lincoln Logan Co Arp	17	1406CST			0	0			Thunderstorm Wind (G60)
Coles County Mattoon	17	1649CST			0	0			Thunderstorm Wind (G52)
Effingham County 3 S Montrose	17	1728CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down several large trees between Montrose and Dietrich. No damage was reported.									
Jasper County Island Grove	17	1735CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down several large trees in Island Grove.									
Clark County 1 E Martinsville	17	1822CST			0	0		0	Thunderstorm Wind
A one foot in diameter tree was blown over 1 mile east of Martinsville.									
McLean County Bloomington	23	1350CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds blew down a tree onto a house and one large tree limb was blown onto a car in Bloomington. No injuries were reported and no damage estimate was available.									
Peoria County Peoria	23	1530CST			0	0		0	Thunderstorm Wind
Thunderstorm winds blew down a large tree in Peoria. No damage or injuries were reported.									
Tazewell County Delavan	23	2218CST			0	0			Thunderstorm Wind (G55)
Thunderstorm winds blew down a 12 inch diameter tree which landed on top of a pickup truck in Delavan. No one was inside the truck at the time, so no injuries were reported and no damage estimate was available.									

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
ILLINOIS, Central									
Tazewell County South Pekin	23	2244CST			0	0		0	Thunderstorm Wind
	Thunderstorm winds blew down numerous large tree limbs and power lines in Midway and South Pekin. No damage was reported.								
Knox County Yates City	23	2247CST			0	0		0	Thunderstorm Wind
	Thunderstorm winds blew down two large trees, between 12 and 18 inches in diameter, in Yates City. No damage or injuries were reported.								
McLean County Bloomington	23	2300CST			0	0		0	Thunderstorm Wind
	Thunderstorm winds blew down several trees and power lines in Bloomington. No damage or injuries were reported.								
ILLINOIS, Northeast									
La Salle County Countywide	06 07	1500CST 0300CST			0	0			Flash Flood
	Slow moving thunderstorms dumped 3 to 6 inches of rain in less than 3 hours. Flash flooding occurred over parts of LaSalle County. Several county roads were closed. Part of East 19th Road, north of Ottawa was washed out. There were many flooded basements and yards in northern sections of Ottawa. Flash flooding left several people homeless in Utica. Residents of a trailer park were evacuated as Clark's Run Creek levels rose rapidly from a few inches to over 8 feet. As much as 3 inches of rain fell in an hour at Utica. Logs and debris were deposited on railroad tracks at Utica. Volunteers sandbagged in downtown Utica to protect businesses from flood waters. The parking lot and picnic areas were flooded at Starved Rock State Park.								
De Kalb County 3 W Malta to 1 W Malta	06	1515CST 1517CST	2	20	0	0			Tornado (F0)
	DeKalb County Sheriff's Deputy reported a tornado touched down at the intersection of Illinois 38 and Willrett Road, 3 miles west of Malta, causing no damage.								
Cook County Park Ridge	17	1700CST			1	0			Lightning
	A twenty year-old man was killed by lightning, while refereeing a soccer game. M20BF								
Iroquois County Southern	17 18	1700CST 0100CST			0	0			Flash Flood
	Heavy rain caused flash flooding in northeast Illinois. A cooperative observer in Burbank reported 3.15 inches of rain in less than 2 hours. Flooded streets and basements affected a small part of southern Cook County. In Grundy County, flash flooding closed Route 6, west of Morris. As much as 3.5 inches of rain fell in a short period. There was damage to recently planted crops. The Morris Country Club Golf Course was damaged by flooding. Sandbaggin took place in Seneca to protect some homes. Three to six inches of rain fell in a wide area of southern Iroquois County. Cissna Park received up to 6 inches of rain in a 2 to 3 hour period. There was widespread flooding along Pigeon Creek. About 250 homes had water in their basements. Houses in Milford near Sugar Creek were surrounded by flood waters. Parts of Route 1 and Route 49 were closed from flooding. Chapel Bridge on the road to Stockland was reported under water during the height of the flood.								
Cook County Southern	17 18	1700CST 0100CST			0	0			Flash Flood
Grundy County Countywide	17 18	1700CST 0100CST			0	0			Flash Flood
La Salle County Ottawa	17	1715CST			0	0			Thunderstorm Wind
	Thunderstorm winds uprooted a tree that fell onto a motor home and garage. Another tree damaged a house. High winds also flattened a barn and damaged two empty grain bins.								
Grundy County 6 NW Morris	17	1730CST			0	0	30K		Thunderstorm Wind
	Winds destroyed several farm buildings, numerous large tree branches downed as well as electrical wires.								
Will County Frankfort	17	1745CST			0	0		0	Thunderstorm Wind
	Many trees were downed, a swing set was lifted and thrown 15 feet and light objects were thrown due to a storm.								
Mchenry County Wonder Lake to Johnsburg	21	1115CST 1135CST			0	0			Thunderstorm Wind
	Trees and power lines were blown down at Wonder Lake. Tree limbs were blown down and one tree fell on a house in Johnsburg.								
Lake County Fox Lake to Lindenhurst	21	1145CST 1200CST			0	0			Thunderstorm Wind
	Trees and power lines were downed in Fox Lake. Small trees and limbs and power lines were also downed in Lindenhurst.								
Grundy County 2 N Dwight	23	1415CST			0	0		0	Thunderstorm Wind
	A wind gust from a thunderstorm blew 3 vehicles off of State Road 47, 2 miles north of Dwight. A small trailer being towed by a car was overturned. A wall cloud and several small funnels were spotted from this storm later in western Kankakee County.								

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
ILLINOIS, Northeast									
Ford County Melvin	23	1455CST 1505CST		0	0				Tstm Wind/Hail
Penny to nickel sized hail pelted Melvin. Trees were uprooted and limbs were blown down by high winds. Trees damaged vehicles and power lines. Cars were damaged by hail. The storm also damaged corn crops.									
Ogle County Polo	23	1950CST		0	0				Thunderstorm Wind
Ogle County White Pines St Park	23	2000CST		0	0		0		Thunderstorm Wind
Ogle County 5 SW Mt Morris	23	2000CST		0	0				Thunderstorm Wind (G81)
Ogle County Oregon	23	2015CST		0	0				Thunderstorm Wind
Lee County Ashton	23	2025CST		0	0				Thunderstorm Wind
Ogle County Rochelle	23	2035CST		0	0				Thunderstorm Wind
De Kalb County Dekalb	23	2100CST		0	0				Thunderstorm Wind
De Kalb County Cortland	23	2110CST		0	0				Thunderstorm Wind
Kendall County Northwest	23	2130CST		0	0				Thunderstorm Wind
Kane County Plato Center	23	2133CST		0	0		0		Thunderstorm Wind
Severe storms produced widespread wind damage. In western Ogle County trees were uprooted and branches were snapped north and west of Polo. At White Pines State Park, at least 100 trees were damaged or blown down. Two trees fell on vehicles. About 20 trees were down around the lodge. Southwest of Mount Morris and barn was destroyed. Winds were clocked at 93 mph there. Trees and limbs were also damaged. At Oregon, trees were blown down. A tree fell on a car at Castle Rock State Park. The storm continued into central and eastern Ogle County and northern Lee County. Tree limbs and power lines were downed in Ashton and Rochelle. Trees and limbs were downed in DeKalb, Cortland and Waterman in DeKalb County. Trees were also damaged in northwest Kendall County and in central Kane County at Plato Center.									
ILLINOIS, Northwest									
Henderson County Gladstone	02	1758CST		0	0				Hail (1.75)
Mcdonough County 9 E Macomb	06	1740CST		0	0				Thunderstorm Wind (G60)
Thunderstorm winds caused structural damage to a shed and knocked out 4 or 5 power poles.									
Hancock County Carthage	15	1630CST		0	0				Thunderstorm Wind (G50)
Thunderstorm winds caused isolated tree damage across Carthage, Illinois. Three homes in Carthage sustained damage when large trees fell on them.									
Carroll County Mt Carroll	23	1902CST		0	0				Thunderstorm Wind (G60)
Thunderstorm winds downed trees across the city of Mt. Carroll.									
Carroll County 4 SE Mt Carroll	23	1910CST		0	0		50K		Thunderstorm Wind (G80)
Thunderstorm winds swept through portions of Carroll County including an occupied camp ground in the Timber Lake area. Winds caused a great deal of damage to trees around the lake and blocked many roads. One large tree landed on a 32 ft motor home which was parked for the night.									
Carroll County Milledgeville	23	1915CST		0	0				Thunderstorm Wind (G60)
Thunderstorm winds downed or damaged many area trees.									
Carroll County Chadwick	23	1915CST		0	0		1M		Thunderstorm Wind (G90)
Thunderstorm winds destroyed a large warehouse.									
Whiteside County 5 E Coleta	23	1945CST		0	0				Thunderstorm Wind (G52)
Severe winds from a thunderstorm over Carroll County downed trees across extreme northeast Whiteside County Illinois.									
ILLINOIS, South									
ILZ087-090>094	Gallatin - Pope - Hardin - Alexander - Pulaski - Massac	01 0001CST 22 0200CST		0	0				Flood
The Ohio River remained above flood stage at several points well into June. The first crest, on June 3 and 4, was up to 9 feet above flood stage at Cairo. A second crest around June 15 was 7 feet above flood stage at Cairo. The river finally fell below flood stage at all points by June 22. Thousands of acres of agricultural bottomland were flooded, and some roads closest to the river were water-									

Storm Data and Unusual Weather Phenomena

Time Loss/	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
ILLINOIS, South									
									covered. The primary effect of the bottomland flooding was to delay the planting of crops. For the most part, the river receded in time for corn to be planted.
ILZ084-088-092		Jackson - Union - Alexander							
	01	0001CST			0	0			Flood
	20	1200CST							The Mississippi River remained above flood stage from late April well into June. At Thebes, the river crested at 39.5 feet on June 4, and fell below flood stage on June 20. Flood stage at Thebes is 33 feet. A few homes that were evacuated in May remained vacant. Agricultural bottomland and roads closest to the river remained flooded.
ILZ078-083		Wabash - White							
	01	0001CST			0	0			Flood
	21	1200CST							The Wabash River was above flood stage at New Harmony, IN through June 21. It crested on June 5 at 17.1 feet, above the flood stage of 15 feet. Some agricultural bottomland and roads closest to the river were flooded. Damage from the June flooding was very minor relative to what occurred in May.
ILZ081-084		Franklin - Jackson							
	01	0001CST			0	0			Flood
	23	1800CST							The Big Muddy River was above flood stage at Murphysboro from late April through June 23. Its highest stage in June was 27.3 feet on the 11th, which compares to a flood stage of 16 feet. Most of the damage caused by flooding of the Big Muddy River occurred in May, when the river reached nearly 40 feet. The main effect of this round of flooding was delayed planting of cropland in the floodplain.
Massac County									
4 NE Metropolis	03	1455CST			0	0			Hail (1.75)
Jackson County									
2 W Carbondale to	07	1713CST			0	0			Funnel Cloud
2 S Carbondale		1720CST							Funnel clouds were reported south and west of Carbondale. The clouds were not associated with supercell thunderstorms.
Pulaski County									
1 N Grand Chain	08	0600CST			0	0			Flash Flood
		0800CST							A nearly stationary thunderstorm caused local flooding of roads and highways. The intersection of state highways 37 and 169 was impassable to some vehicles.
Wayne County									
Wayne City	08	0915CST			0	0			Flash Flood
		1130CST							Around 1.5 inches of rain fell in one hour near Wayne City, which caused some flooding of roads and small streams.
Williamson County									
Herrin	08	1130CST			0	0			Urban/Sml Stream Fld
		1300CST							Heavy rains up to an inch per hour caused flooding of roads in the usual problem areas.
Wabash County									
Mt Carmel	09	1800CST			0	0			Urban/Sml Stream Fld
		2000CST							Between 1 and 2 inches of rain fell within 2 hours at Mt. Carmel. Flooding of streets was reported in Mt. Carmel.
ILZ076		Wayne							
	10	0300CST			0	0			Flood
	13	1800CST							The Skillet Fork River crested 5 feet above its flood stage of 15 feet at Wayne City. It was above flood stage from June 10 to June 13, and the crest was on the 11th. Some residences south and east of Wayne City were flooded. Low agricultural land and some county roads were inundated.
ILZ083		White							
	13	0001CST			0	0			Flood
	22	1700CST							The Little Wabash River was above flood stage from June 13 to June 22. It crested 3 feet above flood stage on June 17. Little additional damage was caused by this flooding beyond what occurred in May. The main effect was flooding of low agricultural land and a few roads.
Gallatin County									
2 W Shawneetown	14	1551CST			0	0			Hail (0.75)
Edwards County									
West Salem	19	1515CST			0	0			Urban/Sml Stream Fld
		1615CST							Rainfall amounts were estimated to be as high as 2 inches per hour from slow-moving thunderstorms. Minor lowland flooding of agricultural land and some urban flooding of streets occurred.
Wabash County									
Mt Carmel	19	1515CST			0	0			Urban/Sml Stream Fld
		1615CST							Rainfall amounts were estimated as high as 2 inches per hour from slow-moving thunderstorms. Minor lowland flooding of agricultural land and some urban flooding of streets occurred.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>ILLINOIS, South</u>							
White County Enfield to Carmi	19	1618CST 1625CST			0 0	20K	Thunderstorm Wind
							Trees were blown down east of Enfield. Trees up to 2 feet in diameter were down in Carmi. One tree fell on a house, and others fell on power lines.
Franklin County West Frankfort	19	1830CST			0 0	8K	Thunderstorm Wind (G52)
							Numerous trees and power lines were down.
Johnson County Belknap	23	1945CST			0 0	5K	Thunderstorm Wind
							Trees, power lines, and power poles were down. The damage was caused by a very brief, isolated microburst.
<u>ILLINOIS, Southwest</u>							
Brown County Ripley	02	2015CST			0 0		Hail (0.75)
							Dime size hail was reported in Ripley.
Adams County Quincy	05	2115CST			0 0		Thunderstorm Wind (G51)
							The Illinois State Police reported 60 mph wind gusts along Highway 57 on the south side of Quincy.
Randolph County Red Bud	06	1430CST			0 0		Thunderstorm Wind (G50)
							Skywarn spotters reported trees and power lines down in Red Bud.
Fayette County Farina	10	1300CST 2000CST			0 0		Flash Flood
							Four to five inches of rain that fell during the afternoon and evening caused flash flooding in Farina. Numerous streets and basements were flooded across the town. Sugar Creek also rose out of its banks.
Marion County 4 S St Peter	10	1400CST	0	25	0 0		Tornado (F0)
							A Marion County Sheriff Deputy reported a very brief tornado touchdown in the north part of the county near the Fayette County line.
Clinton County Countywide	10 11	2000CST 0100CST			0 0	500K	Flash Flood
							Up to five inches of rain fell from a nearly stationary thunderstorm on Clinton County, causing widespread flash flooding. Most of the damage occurred in Germantown, where residents had to be evacuated from flooded neighborhoods. At least 40 homes suffered water damage. The county was declared a state disaster area.
Washington County Lively Grove	12	1345CST			0 0		Hail (0.75)
							The public reported 3/4 inch hail in Lively Grove.
Washington County Oakdale	12	1350CST			0 0		Hail (0.88)
							The fire department reported nickel size hail.
Randolph County 3 NW Sparta	12	1440CST			0 0		Hail (0.75)
							SKYWARN spotters reported 3/4 inch hail and trees down from thunderstorm wind gusts.
Randolph County 2 N Steeleville	12	1500CST			0 0		Thunderstorm Wind (G50)
							SKYWARN spotters reported trees down near Steeleville.
Madison County Edwardsville	17	1415CST			0 0	10K	Thunderstorm Wind (G52)
							Thunderstorm wind gusts downed trees and power lines, mainly across the southern part of Edwardsville. Some roof damage occurred as trees fell on a few homes. About 5400 electric customers were without power for awhile after the storm.
Monroe County Valmeyer	17	1430CST			0 0		Thunderstorm Wind (G50)
							Power lines were reported down in Valmeyer.
<u>INDIANA, Central</u>							
Jackson County 5 SW Seymour	03	1407EST			0 0		Hail (1.00)
Lawrence County Leesville	03	1450EST			0 0		Hail (1.75)
Rush County Rushville	03	1512EST			0 0		Hail (0.75)
Hamilton County Carmel	14	1525EST 1530EST			0 0		Thunderstorm Wind (G50)
							Thunderstorm winds knock several trees down in Carmel area.

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
INDIANA, Central										
Henry County Newcastle		14	1537EST 1543EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked power lines down in Newcastle.										
Hancock County Wilkinson		14	1607EST 1612EST			0	0	0.50K		Thunderstorm Wind
Thunderstorm winds blew trees down near Wilkinson.										
Marion County Clermont		14	1623EST 1630EST			0	0			Hail (1.00)
Marion County Clermont		14	1632EST 1637EST			0	0			Hail (0.75)
Putnam County Greencastle		14	1640EST 1645EST			0	0			Hail (0.88)
Hendricks County Avon		14	1645EST 1650EST			0	0			Hail (0.75)
Marion County Speedway		14	1645EST 1653EST			0	0			Hail (1.00)
Marion County Indianapolis		14	1650EST 1654EST			0	0			Thunderstorm Wind (G50)
Thunderstorm wind gust of 58 mph recorded at intersection of Thompson and County line roads by Indianapolis Power and Light.										
Marion County Indianapolis		14	1654EST 1700EST			0	0			Hail (1.75)
Johnson County Greenwood		14	1700EST 1705EST			0	0			Hail (1.00)
Morgan County 5 N Martinsville		14	1752EST 1758EST			0	0			Hail (1.00)
Bartholomew County Columbus		14	1820EST 1825EST			0	0			Hail (1.00)
Brown County Nashville		14	1840EST 1845EST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds estimated at 60 mph by Nashville city police.										
Jennings County North Vernon		14	1924EST 1930EST			0	0			Hail (1.00)
Knox County Vincennes		19	1517EST 1525EST			0	0	0.50K		Thunderstorm Wind
Thunderstorm winds knocked trees down in Vincennes.										
Johnson County Bargersville		19	1600EST 1601EST			0	0			Lightning
Lightning from thunderstorms caused extensive damage to a home in Bargersville.										
Daviess County Washington		19	1705EST 1715EST			0	0	100K		Thunderstorm Wind (G61)
Thunderstorm winds knocked trees and power lines down in Washington. Two homes were damaged significantly from falling trees. Few other homes received partial damage. Winds estimated by Civil Defense Director at 65 to 75 mph.										
Cass County 4 W Logansport		22	0540EST 0541EST			0	1			Lightning
12 year old boy injured by lightning while camping in a tent. Lightning struck a tree near tent and burned the boy.										
Bartholomew County Hope		22	1935EST 1940EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds blew part of roof off of house near Hope.										

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
INDIANA, Central									
Johnson County Edinburgh	22	1952EST 1955EST			0	0			Thunderstorm Wind
Moderate size trees reported blown down in Edinburgh.									
Bartholomew County Columbus	22	2015EST 2020EST			0	0			Thunderstorm Wind
Thunderstorm winds knocked numerous trees and power lines down.									
Bartholomew County Clifford	22	2045EST 2050EST			0	0			Thunderstorm Wind
Thunderstorm winds knocked trees and power lines down, blocking roads.									
Jennings County Butlersville	22	2200EST 2330EST			0	0			Flash Flood
Heavy rainfall of up to 2 inches caused a farm drainage ditch to fill rapidly with water and overflow. Two homes located next to ditch were flooded by 3 to 4 inches of water.									
Montgomery County 5 N Crawfordsville	23	1815EST 1820EST			0	0			Thunderstorm Wind (G51)
Thunderstorm winds estimated at 60 mph by civil defense director knocked numerous trees and power lines down.									
Boone County Thorntown	23	1835EST 1840EST			0	0	1K		Thunderstorm Wind
Tree limbs and several trees were knocked down as well as damage to a retaining wall due to thunderstorm winds.									
Boone County Thorntown	23	1835EST 1840EST			0	0			Hail (1.00)
Tippecanoe County 5 S Lafayette	23	1845EST 1850EST			0	0	5K	5K	Thunderstorm Wind
Thunderstorm winds flattened corn fields and uprooted trees. A small shed was destroyed also. Nearly 7,000 homes and businesses without power due to downed power lines.									
Boone County 5 E Lebanon	23	1915EST 1920EST			0	0			Hail (1.75)
Hail the size of golfballs damaged a sheriffs car.									
Boone County Terhune	23	1934EST 1940EST			0	0			Hail (1.00)
Hamilton County 3 S Sheridan to 2.5 SSE Sheridan	23	1947EST 1955EST	0.5	150	0	0	40K		Tornado (F1)
Tornado touched down south of Sheridan uprooting few trees and knocking down several tv antennas. A barn was blown off of its foundation and 3 flag poles were bent to the ground.									
Hamilton County 1.5 S Sheridan	23	2000EST 2005EST			0	0			Thunderstorm Wind
Part of a roof was blown off of a barn and large tree limbs were knocked down.									
Hamilton County Sheridan	23	2000EST 2005EST			0	0			Hail (1.75)
Madison County Pendleton	23	2025EST 2030EST			0	0			Hail (1.75)
Marion County 4 NE Indianapolis	23	2026EST 2030EST			0	0			Hail (0.75)
Hamilton County Ingalls	23	2030EST 2035EST			0	0			Hail (1.75)
Henry County Middletown	23	2030EST 2035EST			0	0			Hail (1.00)
Madison County 3 SE Anderson	23	2035EST 2040EST			0	0			Hail (1.50)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
INDIANA, Central									
Marion County Oaklandon	23	2035EST 2040EST			0	0			Hail (1.25)
Madison County Markleville	23	2045EST 2050EST			0	0			Hail (0.75)
Henry County New Castle	23	2053EST 2100EST			0	0			Hail (1.50)
Henry County 3 N New Castle	23	2056EST 2105EST			0	0			Hail (1.00)
Hancock County Fortville	23	2100EST 2105EST			0	0			Thunderstorm Wind
Thunderstorm winds knocked power lines and trees down in Fortville.									
Fountain County Attica	23	2200EST 2205EST			0	0			Thunderstorm Wind
Several trees blown down near Attica by Thunderstorms.									
Rush County Carthage	23	2210EST 2215EST			0	0			Hail (1.00)
Rush County 2 N Rushville	23	2227EST 2235EST			0	0			Thunderstorm Wind
Large trees blown over due to thunderstorm winds.									
Tippecanoe County Lafayette	23 24	2230EST 0200EST			0	0			Flash Flood
Strong thunderstorms over same area during the day dropped 2 to 4 inches of rain across parts of Tippecanoe county. Civil defense reported 80 percent of county roads were closed due to high water. Several roads were washed out.									
Rush County 4.5 NNE Rushville	23	2248EST 2255EST			0	0			Thunderstorm Wind
Thunderstorm winds blew garage down near County Road 450 North.									
Howard County 3 NW Kokomo	24	0001EST 0015EST			0	0			Thunderstorm Wind
Thunderstorm winds knocked 6 to 8 utility poles down. 4,500 homes without power. Three 55 foot tall power line poles were broken off 10 to 20 feet above ground level.									
Tippecanoe County Lafayette	24	0100EST 0300EST			0	0			Flash Flood
Heavy rains from strong thunderstorms during the day caused flooding in the basement of a bookstore. Several roads also reported closed due to high water.									
Carroll County 5 N Delphi	24	0122EST 0300EST			0	0			Flash Flood
Heavy rains from strong thunderstorms caused flooding of many county roads in northwest part of county.									
Clinton County Frankfort	24	0124EST 0300EST			0	0			Flash Flood
Heavy rains from strong thunderstorms flooded several county roads.									
Howard County 3 S Kokomo	24	0215EST 0400EST			0	0			Flash Flood
Heavy rains from strong thunderstorms flooded two county roads in southern part of county.									
Howard County Kokomo	24	0300EST 0310EST			0	0			Thunderstorm Wind
Thunderstorm winds knocked tree limbs down and damaged a mobile home at a mobile home park.									
Carroll County Delphi	24	1410EST 1411EST			0	0	30K		Lightning

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>INDIANA, Central</u>									
									Lightning struck county jail and severely damaged electrical system.
<u>INDIANA, Northeast</u>									
Lagrange County Lagrange	17	1552EST 1655EST			0	0			Thunderstorm Wind (G60)
LaGrange County Sheriff reported winds in excess of 60 MPH in LaGrange, Indiana.									
De Kalb County Dekalb County	17	1730EST 1930EST			0	0		50K	Flash Flood
Numerous county roads in the northern portion of the county and in Butler were reported as flooded and impassable. Some crops were damaged by the flooding.									
<u>INDIANA, Northwest</u>									
St. Joseph County Countywide	09	1700EST 2200EST			0	0			Flash Flood
Heavy rain caused flash flooding in north central Indiana. Three to six inches of rain fell. The cooperative observer at Goshen reported 3.5 inches of rain in 2 hours. A trailer park was flooded in Mishawaka. The heavy rainfall threatened the failure of a 2.5 acre retention pond south of Mishawaka near Route 351 the following morning.									
Elkhart County Countywide	09	1700EST 2200EST			0	0			Flash Flood
<u>INDIANA, South Central</u>									
Jefferson County Lancaster	14	1930EST			0	0			Hail (0.75)
Dime size hail reported.									
<u>INDIANA, Southeast</u>									
Wayne County Cambridge City	03	1357EST 1400EST			0	0			Hail (0.75)
Fayette County Alpine	03	1603EST 1606EST			0	0			Hail (1.75)
Ripley County Countywide	08	1700EST 2200EST			0	0	10K		Flash Flood
Persistent heavy rainfall caused flooding of roadways and creeks. Parts of US 421, SR62, and US50 were closed due to high water. Preble creek in Milan was out of it's banks and flooding along the Laughery creek caused evacuations of campgrounds.									
Ripley County Morris	09	1815EST 1820EST			0	0			Hail (1.25)
Franklin County Peppertown	09	1826EST 1831EST			0	0			Hail (1.75)
Wayne County Greens Fork	14	1600EST 1605EST			0	0	3K		Thunderstorm Wind (G50)
Numerous trees downed.									
Ripley County New Marion	14	1853EST 1858EST			0	0			Hail (1.75)
Dearborn County Bright to Guilford	19	2015EST 2215EST			0	0	25K		Flash Flood
Heavy rainfall repeated over the same areas causing Salt Fork and Tanner creeks to rise out of their banks and wash away some roads. Cars were trapped in Tanner creek near Guilford.									
Dearborn County New Alsace	22	1940EST 1943EST			0	0	3K		Thunderstorm Wind (G50)
Numerous large trees downed.									
Dearborn County Lawrenceburg	22	2025EST 2028EST			0	0	3K		Thunderstorm Wind (G50)
Numerous large trees downed.									
Switzerland County East Enterprise	22	2105EST 2108EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
INDIANA, Southeast									
Wayne County Hagerstown to Cambridge City	23	2125EST 2135EST			0	0	5K		Thunderstorm Wind (G50)
	Numerous large trees and power lines downed.								
INDIANA, Southwest									
INZ085>088	Posey - Vanderburgh - Warrick - Spencer	01 0001CST 05 1900CST			0	0		50K	Flood
	The Ohio River crested 1 to 2 feet above flood stage at Mt. Vernon and Newburgh during the first few days of June. Some agricultural bottomland was flooded, but damage was minimal.								
INZ081-085	Gibson - Posey	01 0001CST 21 1500CST			0	0			Flood
	The Wabash River was above flood stage at New Harmony, IN through June 21. It crested there on June 5 at 17.1 feet, above the flood stage of 15 feet. Some agricultural bottomland and a few roads closest to the river were flooded. Damage from the June flooding was minor relative to the May flooding.								
Gibson County Oakland City	06	1545CST 1900CST			1	0	5K		Flash Flood
	Slow moving thunderstorms produced very heavy rainfall on already saturated ground. A 9-year-old boy was killed after being swept into a storm sewer in Oakland City. The boy was playing in the drainage ditch in his front yard and got swept into a flow tube, where he became trapped. The storms caused flooding of low-lying areas, and some roads were closed. M9OU								
Pike County Petersburg	06	1800CST 2100CST			0	0	30K		Flash Flood
	Slow moving thunderstorms covered numerous roads with water. A bridge was damaged. A mud and rock slide occurred on State Route 56.								
Posey County Wadesville	06	1912CST			0	0			Thunderstorm Wind (G52)
	Trees were blown down.								
Vanderburgh County 2 NE Evansville Dress Arp	09	1515CST 1520CST			0	0			Funnel Cloud
	Funnel clouds were observed by trained spotters and air traffic control personnel northeast of the Evansville Airport.								
Warrick County .5 S Stevenson to .7 S Stevenson	09	1520CST 1521CST	0.2	50	0	0	30K		Tornado (F1)
	After a survey of the damage by the National Weather Service, it was determined a tornado briefly touched down 200 yards east of the Vanderburgh County line. A barn roof and some walls were lifted and strewn in a counterclockwise pattern around the damage site. A couple of trees were snapped.								
Gibson County Johnson	09	1600CST 2000CST			0	0	5K		Urban/Sml Stream Fld
	Road flooding was fairly common after nearly three inches of rain fell in 2 hours. Two roads were closed by the sheriff department.								
Vanderburgh County 3 N Evansville	09	1700CST 1800CST			0	0	50K		Urban/Sml Stream Fld
	Nearly 2 inches of rain fell in less than an hour in the Evansville vicinity. This caused flooding of roads, small streams, and basements. A few county roads were washed out in spots. Many roads and streets, including parts of the Lloyd Expressway, had to be closed at times. High water caused two of the three runways at Evansville Regional Airport to be closed. At least one family was displaced from its home by rising floodwaters. High water threatened a mobile home park, but no evacuations were necessary.								
Pike County Augusta	14	1600CST			0	0	5K		Thunderstorm Wind
	A few trees were down. A mobile home near Augusta received minimal damage.								
Pike County 1 N Winslow	14	1912CST			0	0			Hail (0.75)
Spencer County Santa Claus	14	2000CST			0	0	5K		Thunderstorm Wind (G52)
	Scattered trees and limbs were blown down in northern parts of the county. A tree blocked Indiana 245 south of Santa Claus for about an hour.								
Spencer County Santa Claus	19	1730CST			0	0	5K		Thunderstorm Wind (G56)
	A flagpole was bent and several large trees were down. Wind speeds were estimated between 60 and 70 MPH by a spotter.								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
IOWA, Central									
Cerro Gordo County 1 NE Mason City	06	1300CST			0	0			Funnel Cloud
Weak thunderstorms formed under a cold pool aloft in the wake of a cold frontal passage. No severe weather occurred with them, though there was one report of small hail of pea size. There were a few reports of cold air funnel clouds over north central Iowa in Worth and Cerro Gordo Counties. None of them touched down.									
Cerro Gordo County 4 S Mason City	06	1308CST			0	0			Funnel Cloud
Worth County Grafton	06	1415CST			0	0			Funnel Cloud
Story County 2.5 E Colo	12	1535CST			0	0	3K	10K	Hail (1.00)
Isolated thunderstorms formed over eastern Iowa. A cut off low pressure in the upper atmosphere was located to the east of the state. Strong heating during the day aided in the development of the isolated thunderstorms during the afternoon. Temperatures reached the middle 80s F. with dew point readings in the middle 60s, making for an unstable atmosphere. One cell became severe and dropped hail about the size of quarters est of Colo in Story County. The hail began as pea size hail about 15 minutes before the larger hail fell.									
Adair County 10 S Adair	12	1723CST			0	0	1K		Thunderstorm Wind (G54)
A cold front moved into extreme northwest Iowa into southeast Nebraska during the late afternoon hours. Lifted indices were around -8 degrees C. with total total indices around 58. Thunderstorms fired during the late afternoon and quickly approached severe levels. Most of them were not severe, however one storm did produce a 62 MPH wind gust south of Stuart in Adair County.									
Sac County Lytton	16	1000CST 1500CST			0	0	200K	25K	Flash Flood
Thunderstorms fired over northwest Iowa. The airmass was tropical in nature with precipitable water values around 2 inches and K indices in the lower 40s. A warm core upper low pressure was approaching the state from the west. Heavy rainfall resulted. Storms dropped 5 inches of rain between 0900 and 1000 CST near the town of Lytton. A bridge was washed out near Schaller and many roads were many roads were under water.									
Calhoun County Rockwell City	16	1000CST 1500CST			0	0	150K	20K	Flash Flood
Pocahontas County Pocahontas	16	1400CST 1600CST			0	0	10K		Urban/Sml Stream Fld
Thunderstorms refired during the afternoon hours. The caused repeated flooding in areas where 2 to 3 inches of rain was common during the morning. Urban flooding became a problem as 1 to 1 1/2 inches of additional rainfall occurred in about an hour in Pocahontas, Sac, and Calhoun Counties.									
Calhoun County Rockwell City	16	1400CST 1600CST			0	0	10K		Urban/Sml Stream Fld
Sac County Sac City	16	1400CST 1600CST			0	0	10K		Urban/Sml Stream Fld
Bremer County 5 N Waverly to Frederika	16	1450CST 1506CST	10	20	0	0	1K	1K	Tornado (F0)
Thunderstorms developed rapidly in the unstable air mass over Iowa. A warm front extended from west central into northeast Iowa. Thunderstorms fired just north of the front. One of the storms produced a small tornado that was on the ground intermittently for about 10 miles. Little damage was reported as it traveled across open fields.									
Fayette County 6 N Oelwein to 5 W Arlington	16	1721CST 1726CST	6	20	0	0			Tornado (F0)
Thunderstorms continued to develop and resulted in a small tornado over Fayette County. The tornado did not do much damage as it was only on the ground intermittently and was over open farmland.									
Fayette County 5 W Arlington	16	1800CST			0	0	10K		Thunderstorm Wind (G55)
Thunderstorms produced high winds west of Arlington. Numerous trees were downed in the are by high winds.									
Boone County 5 NE Boone	16 17	1830CST 0100CST			0	0	400K	100K	Flash Flood
Hamilton County Jewell	16 17	1830CST 0100CST			0	0	200K	100K	Flash Flood

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage	June 1996
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
IOWA, Central									
Story County									
Story City	16	1900CST			0	0	1.5M	100K	Flash Flood
	17	0410CST							
Hardin County									
Hubbard	16	1930CST			0	0	200K	100K	Flash Flood
	17	0100CST							
Intense thunderstorms developed in a very unstable atmosphere. Precipitable water values were over 2 inches, with K indices in the lower to middle 40s. Surface temperatures warmed into the lower 80s with dew point readings in the lower to middle 70s. The rain was tropical in nature as a warm core low at 500 mb was approaching from the west. Thunderstorms produced copious amounts of rainfall. Rainfall of 4 to 7 inches was common across northeast Boone, southern Hamilton, northern Story, and southwest Hardin Counties. Doppler radar precipitation estimates were as high as 8.5 inches in the area. Officially, the heaviest observed rainfall was 7.83 inches just southwest of Jewell. Nearly 7 inches /6.9/ of that fell in a 2 1/2 hour time period. Unofficial reports of 8 to 9 inches were received as well. Most of the rain fell in a three hour period between 1800 and 2100 CST. Flash flooding was widespread with numerous reports of bridges washed out and roads under water. Many highways were closed and Interstate 35 was closed for a period of time as well. Squaw Creek in Ames crested near the all time high. Crop damage was extensive as well with many fields washed out. Some of the damage included by county included: 8 homes and 3 businesses heavily damaged north of Ames in Story county. Fifteen to 20 businesses with damage in the 10s of thousands of dollars in Ames, another 15 to 20 with minor damage. Damage to roads was estimated at \$200,000. In Boone County, road damage was placed around \$200,000. The Governor of Iowa granted a disaster declaration for Boone, Story, Hardin, and Hamilton Counties.									
IAZ029-033>039-045>050-058>062-074>075	Fayette - Sac - Calhoun - Webster - Hamilton - Hardin - Grundy - Black Hawk - Carroll - Greene - Boone - Story - Marshall - Tama - Guthrie - Dallas - Polk - Jasper - Poweshiek - Marion - Mahaska								
	17	0300CST			0	0	500K	1M	Flood
	25	0600CST							
The wet weather conditions experienced during the month of May carried into June. Preliminary information provided by the State Climatologist Harry Hillaker, Iowa Department of Agriculture and Land Stewardship, indicated a statewide rainfall average of 5.04 inches during the month of June. This is 114% of the normal. Strong thunderstorms with locally torrential rain moved through parts of central and north central Iowa beginning on the evening of the 16th. Rainfall amounts in excess of 3 inches were common over large parts of the area, with point rainfall as high as 9 inches over the Skunk River and Squaw Creek basins upstream of Ames. The resulting flood was the third highest flood of record for the Squaw Creek at Ames and the highest flood of record on the Skunk River at Ames. Hundreds of homes sustained damage with about 10 destroyed. Some of the damages are listed in this report with the flash flood event rather than the general flood event here. Total damage in Ames and surrounding areas is believed to be several million dollars.									
Mahaska County									
Oskaloosa	17	0345CST			0	0	75K		Lightning
Thunderstorms moved across Mahaska County during the early morning hours. Lightning caused damage at a radio station in Oskaloosa when it was affected by a power surge. A nearby motel was damaged when a fire was started by a lightning strike. The damage was relatively minor, but was still in the tens of thousands of dollars.									
IAZ036-047>048-061-075	Hamilton - Boone - Story - Jasper - Mahaska								
	17	0400CST			0	0	1M	500K	Flood
	20	2100CST							
The heavy rainfall mentioned above resulted in flooding along the Skunk River. In fact, the river crested about a foot over the all time record stage at Ames, eclipsing the infamous 1993 flood event. The flooding closed many road, caused significant damage to houses and businesses located near the river, and flooded out cropland.									
Sac County									
1 N Odebolt	19	2247CST			0	0	10K	10K	Hail (1.75)
Sac County									
Schaller	19	2330CST			0	0	10K	10K	Hail (1.75)
Sac County									
1 N Odebolt	19	2347CST			0	0	10K	10K	Hail (1.75)
Crawford County									
Denison	20	0018CST			0	0	10K	10K	Hail (1.75)
Sac County									
Sac City	20	0030CST			0	0	50K	10K	Flash Flood
		0310CST							
Heavy rainfall over Sac County resulted in flash flooding. Two inches of rain fall in an hours time over much of the county. The soil was already saturated from previous rains, thus the rain ran off quickly filling streams and overtopping roads.									
Crawford County									
6 N Denison	20	0040CST			0	0	1K	5K	Hail (0.75)
Audubon County									
10 NE Audubon	20	0122CST			0	0	2K		Thunderstorm Wind (G61)
Audubon County									
10 NE Audubon	20	0130CST			0	0	1K		Thunderstorm Wind (G50)
Audubon County									
10 NE Audubon	20	0147CST			0	0	1K		Thunderstorm Wind (G50)
A strong mesoscale convective system developed during the night. The air mass was very unstable over western Iowa with lifted indices around -9 degrees C. Total totals were around 61, with the K index of 48. Thunderstorms formed explosively and the									

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm	
IOWA, Central										
complex was a back building complex. The storms produced hail and high winds over the western part of Iowa. Golf ball size hail was reported in many areas of Sac County, with crop damage quite widespread. Winds gusted to around 70 MPH in Crawford County.										
Sac County Sac City	20	0800CST 1100CST			0	0	30K	5K	Urban/Sml Stream Fld	
Carroll County Carroll	20	0800CST 1100CST			0	0	30K	5K	Urban/Sml Stream Fld	
Audubon County Audubon	20	0800CST 1100CST			0	0	30K	5K	Urban/Sml Stream Fld	
Crawford County Denison	20	0800CST 1100CST			0	0	30K	5K	Urban/Sml Stream Fld	
Heavy rainfall on already saturated soils resulted in widespread urban and small stream flooding over Sac, Carroll, Audubon, and Crawford Counties. Rainfall in the 1 to 3 inch range was common in a 2 to 3 hour period.										
Audubon County 10 SW Audubon	20	0841CST			0	0	1K		Thunderstorm Wind (G50)	
After a brief interlude, thunderstorms began to fire over western Iowa again during the morning. In this report and subsequent reports, it can be seen that winds and hail were once again the problem. Most of the wind reports were just above severe criteria. Hail reached golf ball size at times. Later in the morning the thunderstorms spread into the central and southwest counties of the state.										
Audubon County Audubon	20	0845CST			0	0	1K		Thunderstorm Wind (G50)	
Adair County 15 S Stuart	20	0900CST			0	0	3K		Thunderstorm Wind (G57)	
As thunderstorms moved through the area, winds were recorded at 65 MPH with their passage. The high winds downed few trees in the area.										
Guthrie County 5 NE Guthrie Center	20	0910CST			0	0	1K	5K	Hail (0.75)	
Guthrie County Stuart	20	0915CST			0	0	5K		Thunderstorm Wind (G50)	
Thunderstorms moved into the Stuart area during the mid morning hours. High winds downed several trees in town. One fell on top of a car, nearly totaling the car.										
Adair County 15 S Stuart	20	0953CST			0	0	1K		Thunderstorm Wind (G52)	
Union County Creston	20	0956CST			0	0	10K		Thunderstorm Wind (G51)	
Audubon County Audubon	20	1200CST 1500CST			0	0	50K	10K	Urban/Sml Stream Fld	
Thunderstorms continued to move, or train, across Audubon County. With the 1 to 3 inches of rain that had already fallen in the morning, additional heavy rainfall resulted in flash flooding across the county.										
Crawford County Schleswig	20	1500CST			0	0	20K		Thunderstorm Wind (G61)	
Thunderstorms over the county produced wind damage in a few locations during the day. A tractor-semitrailer rig was overturned in Schleswig during the mid afternoon hours.										
Crawford County 4 W Charter Oak	20	1527CST			0	0	1K	10K	Hail (1.00)	
Once again there was a brief interlude as the atmosphere recharged for the next round of thunderstorms. Hail was the main feature with these storms, though there were some gusty winds as well.										
Crawford County 1 SW Charter Oak	20	1530CST			0	0	5K	10K	Hail (1.75)	
Crawford County 5 E Mapleton	20	1601CST			0	0	5K	10K	Hail (1.75)	
Crawford County 5 NE Denison	20	1616CST			0	0	1K	5K	Hail (0.75)	
Crawford County Deloit	20	1623CST			0	0	3K	10K	Hail (1.00)	
Crawford County 4 S Schleswig	20	1641CST			0	0	2K		Thunderstorm Wind (G50)	
Thunderstorm winds blew through Schleswig during the late afternoon. Damage was reported to a patio at one house south of town.										
Crawford County 4 S Schleswig	20	1645CST			0	0	3K	5K	Hail (1.25)	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Central</u>									
Crawford County									
Deloit	20	1700CST			0	0	1K	5K	Hail (0.75)
IAZ033>034-044>046-057>059	Sac - Calhoun - Crawford - Carroll - Greene - Audubon - Guthrie - Dallas								
	20	1800CST			0	0	500K	500K	Flood
	28	0600CST							
Another round of heavy thunderstorms occurred on the 20th and affected much of the west third of Iowa including the Raccoon River basin. This produced minor to moderate flooding on the North Raccoon River which continued to the end of the month. Virtually the entire basin received heavy rains, which were generally in the 1 to 3 inch range. The flooding was primarily lowland flooding even though the river rose over 6 feet over flood stage at Jefferson.									
Sac County									
4 NW Early	20	1914CST			0	0	1K	5K	Hail (0.75)
Crawford County									
Charter Oak	20	2100CST			0	0	25K		Thunderstorm Wind (G61)
Thunderstorms during the late evening hours produced high winds in northern Charter Oak. Tree damage was extensive in the area with trees and power lines knocked down. A few buildings were also damaged as trees toppled onto them.									
Crawford County									
Denison	21	0100CST 0900CST			0	0	11M	150K	Flash Flood
Carroll County									
Carroll	21	0130CST 0900CST			0	0	250K	75K	Flash Flood
Sac County									
Sac City	21	0130CST 0500CST			0	0	30K	5K	Urban/Sml Stream Fld
Calhoun County									
Rockwell City	21	0130CST 0500CST			0	0	30K	5K	Urban/Sml Stream Fld
Thunderstorms continued to develop and move across the same areas. These repeated thunderstorms dumped copious amounts of rain across Carroll and Crawford Counties. General amounts of 4 inches were reported over Carroll County, with greater than 6 inch amounts common in Crawford County. These heavy rains produced widespread flash flooding across both counties. Roads were overtopped by high water and flooding was widespread. Soil erosion was very serious in Crawford County. Estimates put damages in the county at \$10 million in soil erosion alone. Lesser amounts of rain fell in Sac and Calhoun Counties. Some flooding was reported, mainly in urban areas, but it was not very serious.									
IAZ005>009-011-016>019-026>029-039	Kossuth - Winnebago - Worth - Mitchell - Howard - Allamakee - Hancock - Cerro Gordo - Floyd - Chickasaw - Franklin - Butler - Bremer - Fayette - Black Hawk								
	21	0545CST 0800CST			0	0	100K		High Wind (G68)
High winds swept across the northeast third of Iowa during the early morning hours. The winds were the result of a decaying mesoscale convective complex. Winds as high as 78 MPH were reported south of Mason City. There were numerous reports of winds near 65 MPH. Damage was, however, scattered and quite light. Some of the more significant damage was in Popejoy, 2 miles south of Bristow, and 17 southwest of Mason City where numerous trees were downed.									
Kossuth County									
Bancroft	21	0830CST			0	0	8K		Lightning
Thunderstorms were dissipating as they crossed the county. Lightning struck struck a tree next to a house in Winnebago County at Bancroft. The tree fell on a house causing several thousand dollars in damage.									
Ringgold County									
2 N Kellerton	23	1335CST			0	0	1K	5K	Hail (0.75)
Ringgold County									
2 N Redding	23	1535CST			0	0	1K	5K	Hail (0.75)
Ringgold County									
8 N Mt Ayr	23	1540CST			0	0	1K	5K	Hail (0.75)
Guthrie County									
10 W Guthrie Center	23	1603CST			0	0	5K	20K	Hail (1.75)
A warm front was poised just south of Iowa during the morning. During the afternoon it crept up into the southwest part of the state. The air on the warm side of the front was very humid and unstable with dew points in the lower to middle 70s. Thunderstorms erupted during the late afternoon hours near the intersection of the warm front and an approaching cold front from the northwest. The storms became severe quickly and dropped hail on Ringgold and Guthrie Counties. The thunderstorms did eventually form a line across much of southern Iowa, dropping hail. Most of the hail was under 1/2 inch in diameter however. Gusty winds were also reported, but they were below severe levels.									
<u>IOWA, East Central and Southeast</u>									
Dubuque County									
1 S Epworth	16	1858CST	0.1	10	0	0			Tornado (F0)
A tornado touched down briefly, but caused no damage.									
Buchanan County									
Independence	29	2005CST			0	0			Thunderstorm Wind (G60)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
IOWA, East Central and Southeast									
Thunderstorm winds downed road signs, numerous trees and a few power lines.									
Benton County 1 NE Mt Auburn	29	2035CST	0.3	20	0	0			Tornado (F0)
A tornado downed numerous trees northeast of Mt Auburn.									
IOWA, Northeast									
NONE REPORTED.									
IOWA, Northwest									
Osceola County Harris	19	1726CST			0	0			Hail (1.75)
Lyon County Little Rock to 4 N Little Rock	19	1757CST 1802CST			0	0	100K	100K	Hail (2.50)
Hail damaged cars and crops.									
IAZ012-020>021- 031>032	Sioux - Plymouth - Cherokee - Woodbury - Ida								
	19 26	1800CST 1800CST			0	0	1.3M	3.5M	Flood
Rainfall of 5 to 15 inches during a 30 hour period caused widespread lowland, crop, urban, and river flooding. Rivers and streams including the Big Sioux, Little Sioux, West Fork Little Sioux, and Floyd Rivers were over flood stage for 2 to 6 days. The flooding caused widespread destruction of crops, drowned livestock, flooded and washed out roads, and flooded homes and other buildings, damaging contents.									
Lyon County 6 NW Little Rock	19	1806CST			0	0			Hail (1.00)
Osceola County 1 N Allendorf	19	1833CST			0	0			Hail (0.75)
Sioux County Sioux Center to Alton	19	1925CST 2010CST			0	0	300K	1M	Hail (2.50)
Hail broke windows, damaged cars and buildings, and severely damaged crops.									
Plymouth County 2 N Hinton to Hinton	19	2000CST 2010CST			0	0	100K	100K	Hail (3.50)
Hail damaged cars and crops.									
Plymouth County 7 NW Kingsley	19	2050CST			0	0			Hail (1.75)
Cherokee County 5 SW Cherokee to 6 W Cherokee	19	2101CST 2105CST			0	0			Hail (1.75)
Hail covered the ground.									
Plymouth County 3.5 N Remsen	19	2111CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds damaged trees and power lines.									
Woodbury County Correctionville to 2 SW Correctionville	19	2113CST 2118CST			0	0			Hail (2.50)
Cherokee County Washta	19	2215CST			0	0			Hail (1.75)
Mostly small hail fell with a few large stones.									
Plymouth County 10 W Le Mars	19	2242CST			0	0			Hail (0.75)
Ida County Holstein	19	2302CST			0	0			Hail (1.50)
Plymouth County Kingsley	19	2305CST 2320CST			0	0			Hail (1.75)
Plymouth County Kingsley	19	2305CST			0	0			Thunderstorm Wind (G50)
Woodbury County 1 N Merville	19	2308CST			0	0			Hail (1.75)
Woodbury County Climbing Hill	19	2320CST			0	0			Thunderstorm Wind (G53)
Woodbury County Pierson	19	2322CST			0	0			Hail (0.75)
Woodbury County 3 NW Anthon to 5 S Anthon	19	2329CST 2335CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
IOWA, Northwest									
	Hail covered the ground and was accompanied by 50 mph winds.								
Woodbury County Cushing	19	2330CST			0	0	200K	200K	Hail (4.50)
	Hail broke windows and caused other damage to vehicles and buildings, mainly large dents in sidings and cars.								
Woodbury County Sergeant Bluff	20	1440CST			0	0			Hail (1.25)
Woodbury County Hornick	20	1445CST			0	0			Hail (1.75)
Ida County 7 NW Holstein	20	1710CST			0	0	10K	50K	Hail (1.75)
	Hail damaged crops and a roof.								
Buena Vista County Storm Lake	20	1740CST			0	0			Hail (1.75)
Cherokee County Quimby	20	1820CST			0	0			Hail (2.50)
Buena Vista County 2 SE Lakeside	20	1844CST			0	0			Hail (0.88)
IOWA, Southwest									
Mills County 5 NW Malvern to Malvern	16	1605CST			0	0			Hail (0.75)
Monona County Mapleton	20	0017CST			0	0			Hail (1.50)
Monona County Mapleton	20	0425CST			0	0			Hail (1.75)
Harrison County Little Sioux	20	0700CST			0	0			Hail (1.00)
Shelby County 8 SE Irwin	20	0825CST			0	0			Hail (0.75)
Monona County 7 S Hornick	20	1450CST			0	0			Hail (1.75)
Monona County Mapleton	20	1515CST			0	0			Hail (1.50)
Monona County Mapleton	20	1625CST			0	0			Hail (1.75)
Monona County Mapleton	20	1627CST			0	0			Funnel Cloud
Harrison County Little Sioux	20	1845CST			0	0			Hail (0.75)
Harrison County 1 W Modale	20	1928CST			0	0			Hail (0.75)
IAZ055	Harrison 21 22	0000CST 2200CST			0	0	7.5M	24M	Flood
	Harrison County received record flooding along the Boyer River along the entire reach. From the 19th of June to the 23rd, parts of northwest Iowa upstream from Harrison County was inundated with as much as 13 inches of rain. Locally, 2 to 5 inches was reported. The heavy rain to the north traveled downstream, in addition to the locally heavy rains, and resulted in local levee breaks near Woodbine and Missouri Valley. Extensive damage to crops, roads, bridges, and culverts were reported.								
Monona County Ute	21	0500CST 0800CST			0	0			Flash Flood
	Heavy rains in excess of 6 inches fell over much of eastern Monona County.								
Harrison County Pisgah	21	0600CST 0900CST			0	0			Flash Flood
	Heavy rains of 2 to 6 inches fell over much of Harrison County.								
Shelby County Harlan	21	0600CST 0900CST			0	0			Flash Flood
	Heavy rains of 2 to 5 inches fell over much of northern Shelby County.								
Harrison County Logan	21	1100CST 2100CST			0	0			Flash Flood
	Extensive flooding was occurring around Logan and Missouri River Valley as a result of levees failures. Torrential rains fell upstream in Crawford and Sac Counties, traveling down the Boyer River.								
Fremont County Hamburg	23	1256CST			0	0			Hail (2.50)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IOWA, Southwest									
Fremont County									
Farragut	23	1330CST			0	0			Hail (1.75)
Page County									
Braddyville	23	1400CST			0	0			Hail (1.75)
Page County									
Shambaugh	23	1417CST			0	0			Hail (1.75)
Page County									
Essex	23	1526CST			0	0			Thunderstorm Wind (G56)
Mills County									
Malvern	23	1540CST			0	0			Thunderstorm Wind (G52)
Page County									
Essex	23	1600CST			0	0			Thunderstorm Wind (G52)
Montgomery County									
Coburg	23	1600CST			0	0			Thunderstorm Wind (G70)
Pottawattamie County									
Treyner	23	1611CST			0	0	10K		Hail (2.75)
Page County									
Braddyville	23	1800CST 2200CST			0	0			Flash Flood
Heavy rains of 2 to 6 inches fell over southern Page County.									
KANSAS, East									
Franklin County									
Ottawa	02	1351CST			0	0			Hail (0.75)
Hail fell briefly in and around the Ottawa area.									
Franklin County									
Wellsville	02	1355CST			0	0			Hail (0.88)
Franklin County									
Rantoul	02	1401CST			0	0			Hail (0.75)
Franklin County									
2 NE Rantoul	02	1403CST			0	0			Hail (0.75)
Lyon County									
Emporia	05	0056CST			0	0			Hail (1.75)
Lyon County									
Emporia	05	0100CST 0300CST			0	0	100K	10K	Flash Flood
Between three and four inches or rain caused flooding of numerous mobile homes at the West Hill Mobile Home Park and flooded the basements and lower floors of several houses in town. In one neighborhood, the fire department evacuated seven people because of the rapidly rising water. Several cars also became stranded in high water and dogs caught out in the storm drowned. Power outages ocured when a transformer became covered with water.									
Pottawatomie County									
11 S Onaga	05	1445CST			0	0			Hail (1.75)
Jefferson County									
Meriden	05	1735CST			0	0			Hail (1.00)
Nemaha County									
Wetmore	05	1811CST			0	0			Hail (0.75)
Jackson County									
1 S Whiting	05	1830CST			0	0			Hail (1.75)
Jefferson County									
Nortonville	05	2014CST			0	0			Thunderstorm Wind (G50)
Jefferson County									
5 SW Winchester	05	2040CST			0	0			Hail (1.75)
Jefferson County									
Oskaloosa	05	2104CST			0	0			Hail (1.75)
Jefferson County									
2 W Oskaloosa	05	2104CST			0	0			Thunderstorm Wind (G52)
Jefferson County									
Thompsonville to 1 NE Thompsonville	05	2105CST 2109CST	1	100	0	0	600K	2K	Tornado (F1)
A small tornado hit on the southeast corner of Lake Perry just north of the Lake Perry Yacht and Marina and moved northeast to the Corps of Engineers administration area. About 25 to 30 boats were damaged or destroyed at the marina along with adjacent buildings. Storage buildings and vehicles were damaged at the Corps of Engineers area along with many large trees. Debris was scattered in many directions and power lines were knocked down.									
Jefferson County									
1 NE Oskaloosa	05	2115CST			0	0			Thunder

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>KANSAS, East</u>									
									in excess of 60 to 70 mph with torrential rainfall. The storms intensified east of Jefferson county.
Douglas County Eudora	05	2130CST			0	0			Hail (1.75)
Douglas County Lawrence	05	2138CST			0	0			Hail (0.75)
Douglas County Lawrence	05	2154CST			0	0			Hail (1.25)
									Large hail and high winds hit the Lawrence area, however heavy rains overshadowed the hail and winds and caused most of the damage.
Douglas County Lawrence	05	2154CST			0	0			Hail (1.25)
Jefferson County Williamstown	05 06	2206CST 0400CST			0	0	100K	100K	Flash Flood
									Torrential rains of 3 to 6 inches in about 3-4 hours caused widespread flash flooding in the southern one third of Jefferson county. Most rural roads were underwater and closed while Highway 24 was closed in spots due to water over the pavement. Nearly all drainage ditches overflowed their banks. The Kansas Turnpike just west of Lawrence was also closed for several hours due to the highwaters. The flooding lasted into the early morning hours.
Shawnee County Topeka Billard Arpt	05	2227CST			0	0			Hail (0.75)
Shawnee County Topeka	05	2233CST			0	0			Hail (1.75)
Shawnee County Topeka	05	2247CST			0	0			Hail (0.75)
Douglas County Lawrence	05 06	2255CST 0400CST			0	3	2M	200K	Flash Flood
									Rainfall of around 8 inches in about 24 hours produced widespread severe flash flooding in and around the city of Lawrence during the late night and early morning hours. At least 2 cars were swept off 23rd street into Naismith creek, and occupants of the cars had to be rescued by emergency crews. One of the cars was in a vertical position at the bridge trapping the person inside who nearly drown before being rescued. Flood waters covered nearly all city streets at one time or another, and stalled cars were numerous. The high waters even closed Interstate 70 for about 2 hours 3 miles west of Lawrence. Three injuries were attributed to the flash flooding which was considered the worst since the Summer of 1993. Damage costs were estimated from several data sources and may be adjusted as more information is available.
Shawnee County Tecumseh	05 06	2300CST 0400CST			0	0	5K	5K	Flash Flood
									Heavy rains caused flash flooding in rural areas of eastern Shawnee county. Several roads were underwater during the night and early morning hours including US highway 40.
Wabaunsee County Wilmington	05	2320CST			0	0			Hail (1.00)
Nemaha County 3 SW Seneca	05	2334CST			0	0			Hail (0.75)
Osage County Burlingame	05	2340CST			0	0			Hail (1.00)
Franklin County Pomona	05	2340CST			0	0			Hail (1.75)
Osage County Lyndon	06	0010CST			0	0			Thunderstorm Wind (G52)
Shawnee County Topeka	06	0130CST			0	0			Thunderstorm Wind (G51)
									High winds knocked down power and phone lines in east Topeka.
Franklin County Ottawa	06	0145CST 0500CST			0	0			Flash Flood
									Heavy rains washed out two county roads and caused several others to be under water and impassable.
Dickinson County 5 W Upland	06	0344CST			0	0			Hail (1.75)
Riley County Manhattan	06	0425CST			0	0			Hail (0.75)
Douglas County Lawrence	06	0500CST 0900CST			0	0			Flash Flood

Additional heavy rains caused scattered areas of more flash flooding. Water in many areas was beginning to recede when the later rains began. However, little additional damage or consequences occurred from this latest episode of heavy rains due to the significant and widespread flash flooding earlier in the morning and night.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm	
<u>KANSAS, East</u>										
Ottawa County Tescott	06	0530CST			0	0		6M	Hail (1.75)	
The large hail did severe and widespread damage to crops across much of the county.										
Ottawa County 1 S Ada to Ada	06	0551CST			0	0			Thunderstorm Wind (G53)	
Ottawa County 2 E Culver	06	0611CST			0	0			Hail (0.75)	
Dickinson County 7 SW Abilene	06	0640CST			0	0			Hail (0.75)	
Geary County Junction City	06	0715CST 0830CST			0	0			Flash Flood	
Heavy rains from east of the Chapman area into western Geary county produced pockets of flash flooding.										
Douglas County Eudora	06	0957CST			0	0	50K		Lightning	
Lightning hit a home causing a fire and considerable damage.										
Anderson County Garnett	06	2230CST			0	0	25K	30K	Thunderstorm Wind (G50)	
Washington County 4 NW Barnes	12	1655CST			0	0			Hail (0.75)	
Marshall County 1 E Waterville	12	1710CST			0	0			Hail (0.88)	
Marshall County Waterville	12	1720CST			0	0			Thunderstorm Wind (G70)	
Marshall County 5 N Marysville	12	1730CST 1900CST			0	0			Flash Flood	
Water from Horseshoe creek covered highway 77 and closed the road.										
Clay County Clay Center	12	1840CST			0	0			Hail (1.75)	
Brown County 6 S Hiawatha	16	1540CST			0	0			Hail (0.75)	
Brown County Robinson	16	1610CST			0	0			Hail (0.88)	
Brown County 8 E Hiawatha	16	1620CST			0	0			Hail (0.88)	
Anderson County Harris	16	1738CST			0	0			Hail (1.75)	
Shawnee County 5 S Topeka	16	1754CST			0	0			Hail (0.75)	
Shawnee County 1 S Auburn	16	1757CST			0	0			Hail (0.75)	
Shawnee County 5 SE Topeka	16	1821CST			0	0			Hail (1.00)	
Jefferson County Winchester	16	1835CST			0	0			Hail (0.88)	
Shawnee County 2 NE Topeka Forbes Fld	16	1901CST			0	0			Hail (1.00)	
Jefferson County Williamstown	16	2100CST 2245CST			0	0			Flash Flood	
Persistent heavy rains produced flash flooding for about an hour or so across southern Jefferson county.										
Shawnee County Topeka	16	2130CST 2245CST			0	0			Flash Flood	
Persistent heavy rains caused pockets of flash flooding around the city for about an hour or so.										
Coffey County Gridley	18	1631CST			0	0			Hail (1.25)	
Marshall County 8 NW Marysville	21	2002CST			0	0			Hail (1.00)	
Clay County Wakefield	22	1554CST			0	0			Hail (0.75)	
Clay County 2 W Wakefield	22	1603CST			0	0			Hail (1.75)	
Geary County Milford	22	1636CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>KANSAS, East</u>									
Riley County 5 W Keats	22	1644CST 1645CST	0.3	15	0	0			Tornado (F0)
A small and short lived tornado was spotted by military police on a remote field in an unpopulated area on the north side of Fort Riley Military reservation. No damage was found.									
Cloud County 10 S Concordia Arpt	22	1713CST			0	0			Hail (1.00)
Dickinson County Herington	23	2015CST			0	0			Hail (0.88)
<u>KANSAS, Extreme Southeast</u>									
Bourbon County Fulton	02	1547CST			0	0			Hail (1.00)
Bourbon County Devon	06	0055CST			0	0			Hail (1.00)
Bourbon County Fulton	06	0110CST			0	0	0	0	Hail (1.75)
Bourbon County Hammond	06	0115CST			0	0	0	0	Hail (1.75)
Bourbon County 5 E Harding	16	1545CST			0	0			Hail (0.75)
Crawford County Girard	18	1901CST			0	0			Hail (0.88)
<u>KANSAS, North Central</u>									
Phillips County Logan	06	0345CST			0	0	2K	200K	Hail (1.00)
Phillips County Phillipsburg	06	0350CST			0	0	4K	200K	Thunderstorm Wind (G70)
Phillips County Logan	06	0350CST			0	0	2K	100K	Thunderstorm Wind (G70)
Smith County 13 SW Smith Center	06	0400CST			0	0	50K	1.5M	Hail (1.00)
Osborne County 10 W Portis	06	0405CST			0	0	20K	500K	Hail (1.00)
Osborne County 5 SW Portis	06	0415CST			0	0	30K	1M	Hail (1.50)
Rooks County Stockton	06	0430CST			0	0	20K	300K	Hail (1.25)
Osborne County 8 SE Osborne	06	0430CST			0	0	10K	300K	Hail (1.00)
Osborne County 8 SE Osborne	06	0430CST			0	0	10K	200K	Thunderstorm Wind (G72)
Rooks County Plainville	06	0440CST			0	0	20K	400K	Hail (1.25)
Osborne County Osborne	06	0440CST			0	0	80K	600K	Thunderstorm Wind (G75)
Mitchell County Tipton	06	0440CST			0	0	20K	400K	Thunderstorm Wind (G68)
Mitchell County Cawker City	06	0440CST			0	0	20K	200K	Thunderstorm Wind (G65)
Osborne County 1 N Downs	06	0445CST			0	0	50K	600K	Thunderstorm Wind (G68)
Osborne County 4 S Osborne	06	0445CST			0	0	10K	300K	Hail (1.25)
Osborne County 22 SE Osborne	06	0500CST			0	0	5K	300K	Thunderstorm Wind (G60)
Mitchell County 20 S Beloit	06	0515CST			0	0	5K	800K	Hail (1.75)
A complex of severe thunderstorms developed northwest of Phillipsburg and tracked southeast. A large area received large hail that was driven by winds of 60 to 80 mph. Most wheat fields in the storms path were mowed to the ground as were the leaves from trees across parts of Phillips, Smith, Osborne and Mitchell Counties. 5 head of cattle were killed in Osborne County. The vinal siding on a house near Downs was striped off by the hail and wind. Tree damage was reported in Rooks County.									
<u>KANSAS, Northeast</u>									
KSZ103	Leavenworth	01 0000CST 02 2359CST			0	0			Flood
Stranger Creek									

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
KANSAS, Northeast									
			Easton, KS						
			Flood Stage 17 ft						
			Above Flood Stage 6/1 to 6/2						
			Crest 19.9 ft on 6/1						
KSZ025			Atchison						
			01 0000CST		0	0			Flood
			03 2359CST						
			Missouri River						
			Atchison, MO						
			Flood Stage 22 ft						
			Above Flood Stage 6/1 to 6/3						
			Crest 26.6 ft on 5/28						
KSZ103			Leavenworth						
			01 0000CST		0	0			Flood
			03 2359CST						
			Missouri River						
			Leavenworth, KS						
			Flood Stage 20 ft						
			Above Flood Stage 6/1 to 6/3						
			Crest 23.9 ft on 5/28						
Johnson County Spring Hill			02 1415CST		0	0			Hail (1.00)
			One inch diameter hail was reported by Emergency Management officials during a severe thunderstorm in Spring Hill.						
Linn County 3 S Mound City to Mound City			02 1527CST 1532CST		0	0			Hail (2.75)
			A local HAM radio operator reported baseball-size hail from a severe thunderstorm 3 miles south of Mound City. Golfball-size hail was reported in Mound City.						
Miami County 1 N Hillsdale			05 1705CST		0	0			Hail (0.75)
			Dime-size hail was reported in a severe thunderstorm 1 mile north of Hillsdale.						
Atchison County Lancaster to Muscotah/Effingham			05 1853CST 1910CST		0	0			Hail (1.75)
			Severe thunderstorms dropped golfball-size hail at Lancaster and half dollar-size hail at Muscotah and Effingham.						
Leavenworth County 2 S Easton to Leavenworth			05 1947CST 2015CST		0	0			Hail (1.00)
			A supercell severe thunderstorm produced numerous reports of large hail over Leavenworth County. Hail one inch in diameter was reported 5 miles northwest of Leavenworth, 2 miles east of Easton and 2 miles north of Springdale. Dime to nickel-size hail was reported throughout Leavenworth.						
Leavenworth County 4 W Lansing to Fairmount			05 2017CST 2035CST		0	0			Hail (2.00)
			Two inch in diameter hail was reported from a supercell severe thunderstorm 4 miles west of Lansing and at Fairmount. Golfball-size hail was reported on 187th street south of Route 92, 5 miles north of Jarbalo.						
Leavenworth County 2 W Basehor to 2 SW Basehor			05 2041CST 2046CST	0.7	50	0	0		Tornado (F0)
			A spotter reported a tornado touchdown from a supercell severe thunderstorm 2 miles west of Basehor. The tornado moved south less than a mile before lifting.						

Storm Data and Unusual Weather Phenomena

June 1996

KANSAS, Northeast										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm	
Leavenworth County 3 NW Tonganoxie	05	2041CST 2046CST	0.5	100	0	0	250K		Tornado (F1)	
A tornado touched down on County Road 30, 3 miles northwest of Tonganoxie. The tornado had winds of 110 to 120 MPH and tracked southeast across 235th ST near Route K 16 knocking down trees and doing moderate damage to homes. The path of damage was 800 yards long and 100 yards wide. There were no injuries or fatalities and property damage was estimated at 200,000 dollars.										
Wyandotte County 3 W Piper to Piper	05	2050CST 2100CST			0	0			Hail (2.00)	
A supercell severe thunderstorm produced golfball-size hail 3 miles west of piper and two inch-diameter hail at 126th and parallel in Piper.										
Leavenworth County 1 W Basehor to Tonganoxie	05	2055CST 2107CST			0	0			Hail (2.75)	
Baseball-size hail was reported in a severe thunderstorm 1 mile west of Basehor and numerous reports over the Tonganoxie area. Golfball-size hail was observed 4 miles south of Basehor.										
Leavenworth County Tonganoxie to Basehor	05	2105CST 2107CST			0	0			Thunderstorm Wind (G52)	
Thunderstorm winds gusted to 60 MPH in both Basehor and Tonganoxie.										
Wyandotte County 3 W Piper to 2 W Piper	05	2107CST 2108CST			0	0			Hail (2.75)	
Severe thunderstorms dropped hail ranging from baseball-size to golfball-size over Wyandotte County, 2-3 miles west of Piper.										
Wyandotte County Bonner Springs	05	2113CST 2120CST			0	0	40K		Thunderstorm Wind (G60)	
Severe thunderstorm winds gusted up to 70 MPH at Bonner Springs. Several homes reported damage totaling 40,000 dollars.										
Leavenworth County 3 S Basehor	05	2120CST			0	0			Hail (1.00)	
A severe thunderstorm dropped hail ranging from one inch in diameter to baseball-size hail 3 miles south of Basehor.										
Leavenworth County 3 S Basehor	05	2135CST			0	0	7K		Thunderstorm Wind	
Severe thunderstorm winds power poles along 158th street south of I-70.										
Johnson County Lenexa to Overland Park/Olathe	05	2136CST 2154CST			0	0			Hail (1.75)	
Severe thunderstorms dropped large hail over portions of Johnson County. Golfball-size hail was reported at Lenexa with wind gusts up to 60 MPH. One inch in diameter hail was observed in Olathe at 151st and I-35. Dime-size hail was reported in Overland Park.										
Johnson County Olathe	05	2145CST			0	0			Hail (0.75)	
Dime-size hail was reported in a severe thunderstorm south of Interstate 435 near Interstate 35 in Olathe.										
Leavenworth County Tonganoxie	05	2215CST			0	0	7K		Thunderstorm Wind	
Strong thunderstorm winds downed power lines at 200th and State Line Road.										
Johnson County Olathe	05 06	2218CST 0030CST			0	0			Flash Flood	
Very heavy rains from severe thunderstorms produced up to two feet of water on several roadways in northwest Olathe.										
Miami County Louisburg to Bucyrus	05	2229CST			0	0			Hail (1.75)	
Severe thunderstorms dropped golfball-size hail at Bucyrus and Louisburg.										

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
KANSAS, Northeast									
Linn County Parker to 5 S Parker	05	2300CST 2318CST			0	0			Hail (1.75)
Large hail fell during a severe thunderstorm over sections of Linn County. Golfball-size hail fell at Parker and also 5 miles south of Parker.									
Linn County 2 NE Pleasanton to 1 W Blue Mound/Parker	05	2315CST 2350CST			0	0			Thunderstorm Wind (G60)
Severe thunderstorm winds gusted to 70 MPH 2 miles northeast of Pleasanton and also 1 mile west of Blue Mound. There were several reports of downed trees and powerlines in Parker and Goodrich.									
Linn County 1 W Blue Mound	05	2349CST			0	0			Hail (0.75)
Dime-size hail was reported in a severe thunderstorm 1 mile west of Blue Mound.									
KSZ103	Leavenworth 06 07	0000CST 2359CST			0	0			Flood
Stranger Creek Easton, KS									
Flood Stage 17 ft Above Flood Stage 6/6 to 6/7 Crest Estimated 22 ft on 6/6									
KSZ103	Leavenworth 06 08	0000CST 2359CST			0	0			Flood
Stranger Creek Tonganoxie, KS									
Flood Stage 22 ft Above Flood Stage 6/6 to 6/8 Crest 25.75 ft on 6/7									
KSZ104	Wyandotte 06	0000CST 2359CST			0	0			Flood
Kansas River Kansas City, KS 23rd Street									
Flood Stage 33 ft Above Flood Stage 6/6 Crest 33.56 ft									
KSZ057	Miami 06 09	0000CST 2359CST			0	0			Flood
Marais Des Cygnes River Oswatamie, KS									
Flood Stage 28 ft Above Flood Stage 6/6 to 6/9 Crest 33.3 ft on 6/8									
KSZ025	Atchison 06 07	0000CST 2359CST			0	0			Flood
Missouri River Atchison, KS									
Flood Stage 22 ft Above Flood Stage 6/6 to 6/7									

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>KANSAS, Northeast</u>										
	Crest		22.8 ft on 6/6							
KSZ103	Leavenworth									
	06	0000CST			0	0			Flood	
	07	2359CST								
	Missouri River									
	Leavenworth, KS									
	Flood Stage		20 ft							
	Above Flood Stage		6/6 to 6/7							
	Crest		21.0 ft on 6/6							
Linn County										
Pleasanton	06	0000CST			0	0			Flash Flood	
		0200CST								
	There were numerous reports of flooded streets from heavy rain in Pleasanton. Up to a foot or two of water was reported on several roads near Pleasanton.									
KSZ060	Linn									
	07	0000CST			0	0			Flood	
	09	2359CST								
	Marais Des Cygne River									
	La Cygne, KS									
	Flood Stage		25 ft							
	Above Flood Stage		6/7 to 6/9							
	Crest		27.08 ft on 6/9							
KSZ103	Leavenworth									
	13	0000CST			0	0			Flood	
		2359CST								
	Stranger Creek									
	Tonganoxie, KS									
	Flood Stage		22 ft							
	Above Flood Stage		6/13							
	Crest		23.26 ft							
Doniphan County										
Highland	16	1628CST			0	0			Hail (1.00)	
	A severe thunderstorm dropped one inch in diameter hail in Highland.									
Doniphan County										
Wathena	16	1715CST			0	0			Hail (1.75)	
	Storm spotters reported golfball-size hail at Wathena.									
KSZ103	Leavenworth									
	17	0000CST			0	0			Flood	
	18	2359CST								
	Stranger Creek									
	Tonganoxie, KS									
	Flood Stage		22 ft							
	Above Flood Stage		6/17 to 6/18							
	Crest		22.69 ft on 6/17							
KSZ025	Atchison									
	23	0000CST			0	0			Flood	
	29	2359CST								
	Missouri River									
	Atchison, KS									
	Flood Stage		22 ft							
	Above Flood Stage		6/23 to 6/29							
	Crest		26.8 ft on 6/24							

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KANSAS, Northeast</u>									
KSZ103	Leavenworth								
	23	0000CST			0	0			Flood
	29	2359CST							
	Missouri River								
	Leavenworth, KS								
	Flood Stage 20 ft								
	Above Flood Stage 6/23 to 6/29								
	Crest 24.2 ft on 6/26								
Atchison County									
2 E Cummings	23	2145CST			0	0			Hail (0.75)
A severe thunderstorm deposited dime-size hail 2 miles east of Cummings.									
KSZ103	Leavenworth								
	24	0000CST			0	0			Flood
		2359CST							
	Stranger Creek								
	Easton, KS								
	Flood Stage 17 ft								
	Above Flood Stage 6/24								
	Crest 18.7 ft								
KSZ103	Leavenworth								
	24	0000CST			0	0			Flood
	26	2359CST							
	Stranger Creek								
	Tonganoxie, KS								
	Flood Stage 22 ft								
	Above Flood Stage 6/24 to 6/26								
	Crest 25.35 ft on 6/24								
<u>KANSAS, Northwest</u>									
Wichita County									
8 S Selkirk	01	1735CST			0	0			Hail (0.75)
Greeley County									
Tribune	02	0307MST			0	0			Hail (0.88)
Rawlins County									
3 N Herndon	06	0310CST			0	0			Hail (1.75)
Decatur County									
7 W Oberlin	06	0318CST			0	0			Hail (1.75)
Decatur County									
Oberlin	06	0318CST			0	0			Thunderstorm Wind (G52)
Norton County									
Norton	06	0321CST			0	0			Hail (1.75)
Decatur County									
Oberlin	06	0327CST			0	0			Hail (0.75)
Norton County									
5 NE Norton	06	0342CST			0	0			Hail (1.75)
GOLFBALL HAIL BROKE WINDOWS.									
Decatur County									
7 SW Oberlin	06	0355CST	0.1	20	0	0			Tornado (F0)
Graham County									
8.5 N Hill City to	06	0400CST			0	0			Hail (0.75)
5 N Hill City		0415CST							
WHEAT CROP WAS DESTROYED BY HAIL AND HIGH WINDS. WINDOWS IN HOMES									
5 NORTH AND 2 EAST OF HILL CITY WERE BROKEN.									
Sheridan County									
Hoxie	06	0415CST			0	0			Hail (0.88)
Decatur County									
Dresden	06	0415CST			0	0			Hail (1.00)
Graham County									
Morland	06	0425CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm	June 1996
<u>KANSAS, Northwest</u>											
Graham County Penokee	06	0425CST			0	0				Hail (0.75)	
Sheridan County 3 SE Angelus	13	1550CST			0	0				Thunderstorm Wind (G52)	
Gove County 3 SE Grinnell	13	1630CST			0	0				Hail (1.25)	
Gove County 4 N Gove	13	1705CST			0	0				Hail (0.75)	
Greeley County 8 N Tribune	14	1626MST			0	0				Hail (0.75)	
Thomas County 1 N Colby to 1 S Colby	15	1037CST			0	0				Flash Flood	
FLASH FLOODING FROM HEAVY RAINFALL CLOSED HIGHWAY 25 NORTH AND SOUTH OF COLBY.											
Rawlins County 4 W Herndon	15	1845CST			0	0				Flash Flood	
FLASH FLOODING WASHED OUT A COUNTY ROAD.											
Decatur County Oberlin	15	2130CST 2230CST			0	0				Flash Flood	
UP TO 5 INCHES OF RAINFALL CAUSED FLASH FLOODING IN OBERLIN AND VICINITY. BRIDGES AND ROADS WERE DAMAGED OR WASHED OUT.											
Wallace County 1.8 N Weskan to 2 N Weskan	21	1615MST 1619MST	0.3	20	0	0				Tornado (F)	
TORNADO OBSERVED BY SPOTTER TOOK DOWN TWO POWER POLES.											
Wallace County 3 NW Weskan	21	1645MST			0	0				Thunderstorm Wind (G52)	
TWO FUEL TANKS BLOWN OVER. METAL DOOR TO SHED BLOWN 50 FEET.											
Wallace County Sharon Spgs	21	1720MST			0	0				Thunderstorm Wind (G50)	
FOUR INCH DIAMETER TREE BRANCHES DOWN.											
Logan County 13 S Russell Spgs	21	1900CST			0	0				Hail (0.75)	
Logan County 12 S Russell Spgs	21	1900CST			0	0				Thunderstorm Wind (G50)	
TWO INCH DIAMETER TREE BRANCHES BROKEN.											
Logan County 15 SE Russell Spgs	21	1927CST			0	0				Hail (0.75)	
Logan County 15 SE Russell Spgs	21	1927CST			0	0				Thunderstorm Wind (G52)	
TWO INCH DIAMETER TREE LIMBS BROKEN. WIND BLEW A BOX OF 1/2 INCH PLYWOOD OFF TRAILER.											
Wallace County 12 N Sharon Spgs	22	1600MST			0	0				Hail (1.75)	
Sherman County 13 S Edson	22	1622MST			0	0				Hail (0.75)	
Rawlins County 11 N Beardsley	22	1800CST			0	0				Thunderstorm Wind (G61)	
WINDS DESTROYED METAL CATTLE SHED. POWER LINES DOWN.											
Decatur County Norcatgur	22	1900CST			0	0				Lightning	
LIGHTNING CAUSED FIRE DESTROYED NORCATUR'S ONLY GROCERY STORE.											
Decatur County 7 W Dresden	22	1910CST			0	0				Thunderstorm Wind (G61)	
QUONSET BUILDING DAMAGED. TREES UPROOTED.											
Decatur County 7 W Dresden	22	1910CST			0	0				Hail (1.75)	
Sheridan County 1 E Selden	22	1914CST	0.1	20	0	0				Tornado (F0)	
BRIEF TORNADO OVER OPEN AREA.											
Decatur County 2 N Jennings	22	1928CST			0	0				Thunderstorm Wind (G52)	
Decatur County 1.4 NW Norcatgur	22	1942CST			0	0				Thunderstorm Wind (G61)	
Norton County 3 SW Norton	22	1949CST	0.1	20	0	0				Tornado (F0)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Northwest</u>									
BRIEF TORNADO AT NORTON DAM.									
Decatur County Dresden	22	1952CST			0	0			Hail (1.75)
Thomas County 8 SW Colby	22	1953CST			0	0			Thunderstorm Wind (G51)
Sheridan County 2 W Selden	22	2006CST			0	0			Hail (1.00)
Logan County 6 W Russell Spgs	22	2030CST			0	0			Thunderstorm Wind (G61)
TEN INCH DIAMETER TREE LIMBS BROKEN.									
Gove County Campus	22	2050CST			0	0			Thunderstorm Wind (G60)
POWER LINES TAKEN DOWN.									
Decatur County 12 SSW Oberlin to 12 S Oberlin	22 23	2100CST 0100CST			0	0			Flash Flood
PRAIRIE DOG CREEK OUT OF ITS BANKS. FLOOD TOOK DOWN POWER LINES.									
Rawlins County Herndon	22	2100CST 2330CST			0	0			Flash Flood
MANY ROADS IN AN AROUND HERNDON WASHED OUT.									
KSZ003	Decatur	22 23	2300CST 1200CST		0	0			Flood
SAPPA CREEK AT OBERLIN FLOODING.									
Rawlins County 10 SW Achilles	24	0810CST			0	0			Hail (0.75)
Greeley County 12 SW Tribune	24	1655MST			0	0			Hail (0.75)
Gove County Gove	25 26	2000CST 0100CST			0	0			Flash Flood
RECORD RAINFALL UP TO 8.8 INCHES WAS REPORTED IN GOVE. A BRIDGE WAS WASHED OUT. GRAIN BINS WERE DAMAGED SOUTH OF GOVE. HAY WAS DAMAGED. NUMEROUS FARMSTEADS REPORTED DAMAGE.									
<u>KANSAS, Southeast</u>									
Chautauqua County 2 N Wauneta	01	0004CST 0005CST			0	0			Thunderstorm Wind (G52)
Cowley County 3 S Winfield	01	0010CST			0	2	5K		Thunderstorm Wind (G61)
ROOF TORN OFF BUILDING INJURING MARRIED COUPLE. WIFE PREGNANT AT TIME OF EVENT.									
Elk County Moline	01	0011CST			0	0			Thunderstorm Wind (G52)
Woodson County 2 S Yates Center	01	0041CST			0	0			Thunderstorm Wind (G56)
Montgomery County Cherryvale	01	0045CST			0	0	3K		Thunderstorm Wind (G52)
TREES UPROOTED AND POWER LINES BLOWN DOWN.									
Montgomery County Independence	01	0100CST			0	0	10K		Thunderstorm Wind (G52)
POWER LINES BLOWN DOWN.									
Montgomery County Coffeyville	01	0103CST			0	0	10K		Thunderstorm Wind (G52)
TREES UPROOTED AND POWER LINES BLOWN DOWN.									
Kingman County Norwich	04	1751CST			0	0			Hail (1.00)
Sumner County Argonia	04	1812CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>KANSAS, Southeast</u>									
Sumner County									
Argonia	04	1812CST			0	0			Thunderstorm Wind (G61)
Sumner County									
Conway Springs	04	1828CST			0	0			Hail (1.00)
Sumner County									
Argonia	04	1830CST			0	0			Hail (1.50)
Sumner County									
8 N Caldwell	04	1832CST			0	0			Hail (1.50)
Sumner County									
Caldwell	04	1850CST			0	0			Hail (1.75)
Sumner County									
Caldwell	04	1903CST			0	0			Hail (1.75)
Sumner County									
Caldwell	04	1904CST			0	0			Hail (1.75)
Sumner County									
Argonia	04	1907CST			0	0			Hail (1.75)
Sumner County									
Argonia	04	1907CST			0	0			Thunderstorm Wind (G61)
Sumner County									
Argonia	04	1907CST			0	0			Hail (1.75)
Cowley County									
Cambridge	04	1955CST			0	0			Hail (1.00)
Sedgwick County									
Wichita	04	2238CST			2	0			Lightning
AT EDGEWOOD PARK, WICHITA, 2 TEENAGERS FATALLY STRUCK BY LIGHTNING AT 1038 PM CST. M160T, F160T									
Woodson County									
Yates Center	05	0355CST			0	0			Thunderstorm Wind (G56)
Woodson County									
Yates Center	05	0423CST			0	0	10K		Thunderstorm Wind (G52)
NUMEROUS TREES AND POWER LINES BLOWN DOWN.									
Sumner County									
1 W Suppesville	05	2017CST			0	0			Hail (1.00)
Kingman County									
10 S Kingman	05	2040CST			0	0			Hail (0.75)
Harper County									
Attica	05	2057CST			0	0			Thunderstorm Wind (G65)
Kingman County									
Norwich	05	2100CST			0	0			Hail (0.75)
Kingman County									
Norwich	05	2102CST			0	0			Hail (1.00)
Harper County									
Harper	05	2107CST			0	0	10K		Thunderstorm Wind (G61)
TREES & POWER LINES BLOWN DOWN IN HARPER.									
Sedgwick County									
2 E Viola	05	2123CST			0	0			Hail (1.75)
Sedgwick County									
Viola	05	2123CST			0	0			Hail (1.75)
Kingman County									
Norwich	05	2130CST			0	0			Hail (1.50)
Harper County									
2 SE Bluff City	05	2130CST			0	0			Hail (1.00)
Sedgwick County									
Clearwater	05	2140CST			0	0			Hail (1.50)
Sumner County									
5 W Wellington	05	2145CST			0	0			Thunderstorm Wind (G61)
Sumner County									
Corbin	05	2146CST			0	0			Thunderstorm Wind (G52)
Sedgwick County									
Peck	05	2147CST			0	0			Thunderstorm Wind (G52)
Cowley County									
1 W Udall	05	2204CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
KANSAS, Southeast										
Sumner County										
3 NE Belle Plaine	05	2205CST			0	0			Hail (2.00)	
Sumner County										
4 E Mulvane	05	2207CST			0	0			Hail (0.75)	
Sumner County										
2 E Belle Plaine	05	2208CST			0	0			Hail (2.75)	
Cowley County										
2 E Udall	05	2215CST			0	0			Hail (2.75)	
Cowley County										
2 E Udall	05	2215CST			0	0			Thunderstorm Wind (G52)	
Cowley County										
8 NE Udall	05	2217CST			0	0			Hail (0.75)	
Cowley County										
Udall	05	2240CST			0	0			Hail (1.50)	
Cowley County										
2 SE Udall	05	2245CST			0	0			Hail (1.50)	
Russell County										
Russell	06	0455CST			0	0			Thunderstorm Wind (G52)	
Russell County										
Russell	06	0507CST			0	0			Thunderstorm Wind (G56)	
Lincoln County										
10 NW Lincoln	06	0510CST			0	0			Thunderstorm Wind (G65)	
Russell County										
Russell	06	0510CST			0	0			Thunderstorm Wind (G70)	
Lincoln County										
Lucas	06	0519CST			0	0			Thunderstorm Wind (G61)	
Russell County										
Russell	06	0520CST			0	0	100K		Thunderstorm Wind (G70)	
SEVERAL SEMI-TRAILERS BLOWN OVER ON I-70.										
Lincoln County										
15 W Lincoln	06	0530CST			0	0			Thunderstorm Wind (G70)	
Ellsworth County										
Wilson	06	0547CST			0	0			Thunderstorm Wind (G56)	
Barton County										
Claffin	06	0555CST			0	0			Thunderstorm Wind (G56)	
TREE LIMBS 1 FOOT IN DIAMETER BLOWN DOWN.										
Saline County										
Salina	06	0600CST			0	0			Thunderstorm Wind (G61)	
Saline County										
Salina	06	0600CST			0	0			Hail (1.75)	
Saline County										
Brookville	06	0610CST			0	0			Thunderstorm Wind (G52)	
Rice County										
Geneseo	06	0610CST			0	0	5K		Thunderstorm Wind (G70)	
NUMEROUS TREE LIMBS BLOWN DOWN.										
Rice County										
Lyons	06	0625CST			0	0	15K		Thunderstorm Wind (G70)	
NUMEROUS TREE LIMBS AND POWER LINES BLOWN DOWN.										
Mcperson County										
Mc Pherson	06	0628CST			0	0	5K		Thunderstorm Wind (G52)	
NUMEROUS TREE LIMBS BLOWN DOWN.										
Saline County										
Salina	06	0635CST			0	0	5K		Thunderstorm Wind (G61)	
NUMEROUS TREE LIMBS BLOWN DOWN AND BLOCKING STREETS.										
Mcperson County										
5 N Mc Pherson	06	0645CST			0	0	25K		Thunderstorm Wind (G52)	
SEMI-TRAILER BLOWN OVER ON I-135.										

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
KANSAS, Southeast									
Marion County Hillsboro	06	0723CST			0	0			Thunderstorm Wind (G52)
Mcperson County Lindsborg	06	0730CST			0	0			Thunderstorm Wind (G61)
Harper County 8 W Anthony	06	1055CST			0	0			Hail (0.75)
Harper County 4 SW Crystal Springs	06	1140CST			0	0			Hail (0.75)
Harper County 4 N Waldron	16	1640CST			0	0			Hail (0.75)
Neosho County Thayer	16	1657CST			0	0			Hail (1.75)
Cowley County 7 E Atlanta	16	1815CST			0	0			Hail (1.25)
Cowley County 8 E Atlanta	16	1818CST			0	0	15K		Thunderstorm Wind (G70)
GARAGE ROOF 1/2 BLOWN OFF & ENTIRE BARN DESTROYED.									
Greenwood County Us54 Mile Marker 272	18	1555CST			0	0			Hail (1.75)
Greenwood County Eureka	18	1618CST			0	0			Hail (1.00)
Greenwood County Eureka	18	1630CST			0	0			Hail (1.00)
Greenwood County 2 S Climax	18	1632CST			0	0			Hail (2.75)
Wilson County 2 S Coyville	18	1710CST			0	0			Hail (0.75)
Wilson County 1 SE New Albany	18	1710CST			0	0			Hail (0.75)
Montgomery County 5 N Elk City	18	1726CST			0	0	10K		Thunderstorm Wind (G61)
BARN BLOWN DOWN.									
Butler County Near Cassoday	18	1735CST			0	0			Hail (1.75)
Wilson County 15 SW Fredonia	18	1737CST			0	0			Thunderstorm Wind (G61)
Montgomery County Sycamore	18	1745CST			0	0			Hail (0.75)
Montgomery County Sycamore	18	1745CST			0	0			Thunderstorm Wind (G52)
Montgomery County Montgomery St Lake	18	1802CST			0	0			Thunderstorm Wind (G56)
Montgomery County Montgomery St Lake	18	1802CST			0	0			Hail (1.00)
Montgomery County Independence	18	1817CST			0	0			Thunderstorm Wind (G61)
Neosho County 2 E Erie	18	1821CST			0	0			Hail (1.00)
Harper County 8 W Anthony	18	1825CST			0	0			Hail (1.00)
Wilson County Fredonia	18	1830CST			0	0			Thunderstorm Wind (G70)
Wilson County Buxton	18	1830CST			0	0			Hail (1.75)
Harper County Waldron	18	1845CST			0	0			Hail (0.75)
Harper County Waldron	18	1845CST			0	0			Thunderstorm Wind (G52)
Montgomery County Coffeyville	18	1850CST			0	0			Thunderstorm Wind (G54)
Labette County 5 W Angola	18	1911CST			0	0			Thunderstorm Wind (G65)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm	June 1996
<u>KANSAS, Southeast</u>										
Montgomery County Coffeyville	18	1929CST			0	0	5K		Thunderstorm Wind (G52)	
		TREES & POWER LINES DOWNED.								
Butler County Rosalia	18	1933CST			0	0			Hail (0.75)	
Greenwood County 6 NE Piedmont	18	1943CST			0	0			Hail (0.75)	
Butler County 4 SW Towanda	18	1946CST			0	0			Hail (0.75)	
Sedgwick County Wichita(Webb&Harry)	18	2006CST			0	0			Hail (1.00)	
Sedgwick County Wichita	18	2010CST			0	0			Hail (0.75)	
Sedgwick County East Wichita	18	2017CST			0	0			Hail (0.75)	
Cowley County South Arkansas City	18	2112CST			0	0			Thunderstorm Wind (G52)	
Labette County Valeda	18	2120CST			0	0			Hail (0.75)	
Chautauqua County Cedar Vale	18	2152CST			0	0			Thunderstorm Wind (G61)	
Barton County Great Bend	21	2240CST			0	0			Thunderstorm Wind (G51)	
Russell County Bunker Hill	21	2245CST			0	0			Thunderstorm Wind (G52)	
		TREE LIMBS BLOWN DOWN.								
Barton County Albert	21	2252CST			0	0			Thunderstorm Wind (G83)	
		WIDESPREAD POWER OUTAGES.								
Russell County 4 S Gorham	21	2255CST			0	0			Thunderstorm Wind (G61)	
Russell County Russell	21	2255CST			0	0			Thunderstorm Wind (G52)	
Russell County Russell	21	2309CST			0	0			Thunderstorm Wind (G56)	
Rice County Bushton	21	2310CST			0	0			Thunderstorm Wind (G61)	
		NUMEROUS TREES BLOWN DOWN.								
Ellsworth County Holyrood	21	2320CST			0	0			Thunderstorm Wind (G70)	
		NUMEROUS POWER OUTAGES.								
Russell County Wilson Lake	21	2331CST			0	0			Thunderstorm Wind (G52)	
Russell County Russell (KrsI)	21	2335CST			0	0			Thunderstorm Wind (G71)	
Barton County 10 W Great Bend	21	2342CST			0	0			Thunderstorm Wind (G61)	
Mcperson County Marquette	21	2346CST			0	0			Thunderstorm Wind (G52)	
Barton County Albert	22	0005CST			0	0			Thunderstorm Wind (G70)	
		NUMEROUS TREES BLOWN OVER. POWER LINES AND TELEPHONE POLES BLOWN DOWN.								
Mcperson County 1 N Canton	23	1953CST			0	0			Thunderstorm Wind (G52)	
Mcperson County 1 N Canton	23	1953CST			0	0			Hail (0.75)	
Mcperson County 3 N Mc Pherson	23	2013CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
<u>KANSAS, Southeast</u>										
Mcpherson County 5 N Mc Pherson	23	2020CST			0	0			Thunderstorm Wind (G52)	
Mcpherson County 5 N Mc Pherson	23	2020CST			0	0			Hail (0.75)	
Marion County Hillsboro	23	2045CST			0	0			Thunderstorm Wind (G52)	
		LARGE TREE DAMAGE.								
Kingman County 1 S Willowdale	23	2048CST			0	0			Thunderstorm Wind (G52)	
Marion County 6 E Goessel	23	2050CST			0	0			Thunderstorm Wind (G52)	
Kingman County 5 SE Kingman	23	2052CST			0	0			Thunderstorm Wind (G52)	
Harvey County Hesston	23	2104CST			0	0			Thunderstorm Wind (G52)	
Butler County Whitewater	23	2131CST			0	0			Thunderstorm Wind (G52)	
Sedgwick County 2 N Sunnydale	23	2142CST			0	0			Thunderstorm Wind (G56)	
Butler County 1 SE Whitewater	23	2142CST			0	0			Thunderstorm Wind (G52)	
Sedgwick County 4 NE Wichita	23	2146CST			0	0			Thunderstorm Wind (G50)	
Sedgwick County 4 NE Wichita (Jabara) to 4 NE Wichita (Jabara)	23	2154CST			0	0			Thunderstorm Wind (G56)	
Sedgwick County Wichita	23	2155CST			0	0			Thunderstorm Wind (G61)	
Sedgwick County 5 NE Wichita	23	2158CST			0	0			Thunderstorm Wind (G56)	
Sedgwick County 3 E Wichita	23	2200CST			0	0			Thunderstorm Wind (G55)	
Butler County Andover	23	2203CST			0	0			Thunderstorm Wind (G52)	
Butler County Andover	23	2210CST			0	0			Thunderstorm Wind (G57)	
Cowley County 2 S Udall	23	2225CST			0	0			Thunderstorm Wind (G52)	
Sumner County Perth	23	2230CST			0	0			Thunderstorm Wind (G52)	
Sedgwick County Wichita	30	1610CST			0	0			Thunderstorm Wind (G61)	
Sedgwick County Wichita	30	1614CST			0	0			Thunderstorm Wind (G52)	
Sedgwick County Wichita	30	1615CST			0	0	50K		Thunderstorm Wind (G52)	
		CARPORT BLOWN OVER, DAMAGING APPROXIMATELY 35 CARS.								
Sedgwick County Wichita Asos	30	1619CST			0	0			Thunderstorm Wind (G51)	
<u>KANSAS, Southwest</u>										
Grant County 11 SSW Ulysses	01	0008CST			0	0			Hail (0.88)	
Stevens County 5 S Moscow	01	0015CST			0	0			Hail (1.00)	
Seward County 10 E Liberal	01	0125CST			0	0			Hail (0.75)	
Ness County Ness City	01	1637CST			0	0			Hail (1.75)	
Ness County Ness City	01	1638CST			0	0			Hail (1.75)	
Ness County Ness City	01	1643CST			0	0			Hail (1.75)	

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
						Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>										
Gray County										
Montezuma		01	1816CST			0	0			Hail (0.75)
Kearny County										
2 N Deerfield		01	1831CST			0	0			Hail (0.75)
Finney County										
12 S Garden City		01	1858CST			0	0			Hail (0.88)
Finney County										
12 S Garden City		01	1921CST			0	0			Hail (0.75)
Haskell County										
16 NW Sublette		01	1930CST			0	0			Hail (0.75)
Kearny County										
Lakin		01	2350CST			0	0			Hail (0.88)
Kearny County										
4 E Lakin		02	0000CST			0	0			Hail (1.25)
Finney County										
Garden City		02	0530CST			0	0			Hail (0.75)
Finney County										
Holcomb		02	0530CST			0	0			Hail (0.75)
Hodgeman County										
9 S Jetmore		02	0544CST			0	0			Hail (0.75)
Stanton County										
12 NW Manter		03	1217CST			0	0			Hail (1.75)
HAIL COMPLETELY COVERED THE GROUND										
Stevens County										
Moscow		03	1245CST			0	0			Hail (0.75)
HAIL COVERING THE GROUND 2 INCHES DEEP										
Grant County										
7 W Ulysses		03	1300CST			0	0			Hail (1.00)
Grant County										
16 NE Johnson		03	1313CST			0	0			Hail (1.75)
Meade County										
8 S Plains		03	1330CST			0	0			Hail (0.88)
Stevens County										
Moscow		03	1355CST			0	0			Hail (0.75)
HAIL COVERED THE GROUND										
Grant County										
13 E Ulysses		03	1355CST			0	0			Hail (1.00)
Haskell County										
8 N Satanta		03	1408CST			0	0			Hail (1.25)
Haskell County										
16 N Sublette		03	1412CST			0	0			Hail (1.00)
Meade County										
15 S Meade		03	1425CST			0	0			Hail (0.75)
Stevens County										
6 W Hugoton		03	1430CST			0	0			Hail (0.75)
Haskell County										
8 NNW Sublette		03	1440CST			0	0			Hail (0.88)
Hamilton County										
12 SE Syracuse		03	1448MST			0	0			Hail (1.75)
HAIL COVERED THE GROUND										
Gray County										
5 S Montezuma		03	1510CST			0	0			Hail (0.75)
Kearny County										
15 SW Lakin		03	1617CST			0	0			Hail (0.75)
Stanton County										
1 N Johnson		03	1647CST			0	0			Hail (0.75)
Stanton County										
2 S Johnson		03	1705CST			0	0			Hail (0.88)
Morton County										
4 N Richfield		03	1721CST			0	0			Hail (1.00)
HAIL COVERED THE GROUND										
Seward County										
Liberal		05	1755CST			0	0			Thunderstorm Wind (G55)
Kearny County										
Lakin		05	1834CST			0	0			Thunderstorm Wind (G63)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
					Killed	Injured				
<u>KANSAS, Southwest</u>										
Grant County										
18 NE Ulysses	05	1845CST			0	0				Hail (0.75)
Comanche County										
Coldwater	05	1953CST			0	0				Hail (1.75)
Barber County										
Deerhead	05	2008CST			0	0				Thunderstorm Wind (G52)
Barber County										
Deerhead	05	2008CST			0	0				Hail (1.75)
Barber County										
5 NW Hardtner	05	2015CST			0	0				Thunderstorm Wind (G52)
		LARGE TREE LIMBS BLOWN DOWN								
Pratt County										
13 SE Pratt	05	2045CST			0	0				Thunderstorm Wind
		SHED BLOWN DOWN								
Barber County										
Kiowa	05	2050CST			0	0				Thunderstorm Wind (G52)
		7 INCH TREE LIMBS BLOWN DOWN								
Ellis County										
16 NNE Hays	06	0440CST			0	0				Hail (1.00)
Ellis County										
Hays	06	0454CST			0	0				Thunderstorm Wind (G52)
Ellis County										
Hays	06	0505CST			0	0				Thunderstorm Wind (G53)
Ellis County										
13 NE Hays	06	0515CST			0	0				Hail (0.75)
Ellis County										
Ellis	06	0520CST			0	0				Hail (1.00)
Pratt County										
10 E Pratt	11	1417CST			0	0				Hail (0.75)
Pratt County										
1 W Cairo	11	1445CST			0	0				Hail (0.88)
Stafford County										
5 NE Hudson	11	1450CST			0	0				Hail (0.75)
Kiowa County										
6 S Greensburg	11	1455CST			0	0				Hail (1.00)
Pratt County										
3 S Cairo	11	1514CST			0	0				Hail (1.00)
Pratt County										
12 SE Pratt to 12 SE Cairo	11	1514CST			0	0				Hail (1.00)
Stafford County										
4 W Hudson	11	1528CST			0	0				Hail (0.75)
Pratt County										
Cairo	11	1545CST			0	0				Hail (1.75)
Stafford County										
1 N St John	11	1605CST			0	0				Hail (1.00)
Stafford County										
1 NW St John	11	1614CST			0	0				Hail (0.75)
Stafford County										
St John	11	1617CST			0	0				Hail (1.00)
Stafford County										
St John	11	1625CST			0	0				Hail (1.25)
Edwards County										
2 S Lewis	11	1629CST			0	0				Hail (1.75)
Edwards County										
2 SSW Lewis	11	1630CST			0	0				Hail (1.00)
Pawnee County										
7 ENE Larned	11	1650CST			0	0				Hail (1.00)
Pawnee County										
7 NE Larned	11	1650CST			0	0				Hail (0.75)
Pawnee County										
1 W Pawnee Rock	11	1655CST			0	0				Hail (1.00)
Comanche County										
4 NE Wilmore	11	1714CST			0	0				Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
<u>KANSAS, Southwest</u>										
Edwards County 7 SE Lewis	11	1715CST			0	0			Hail (0.75)	
Comanche County 5 E Wilmore	11	1716CST			0	0			Hail (1.75)	
Kiowa County 11 S Greensburg	11	1716CST			0	0			Hail (1.75)	
Comanche County 6 E Wilmore	11	1725CST			0	0			Hail (3.50)	
Pawnee County 6 S Larned	11	1731CST	0.2	50	0	0			Tornado (F0)	
Pawnee County 4 S Larned	11	1733CST			0	0			Hail (2.00)	
Kiowa County 8 NE Greensburg	11	1735CST			0	0			Hail (0.75)	
Pawnee County 1 NW Zook	11	1740CST			0	0			Hail (1.75)	
Pawnee County Larned	11	1745CST			0	0			Hail (1.75)	
Pawnee County 5 S Larned	11	1752CST			0	0			Hail (2.00)	
Pawnee County 13 SE Larned	11	1752CST	0.2	50	0	0			Tornado (F0)	
Edwards County Belpre	11	1756CST			0	0			Hail (1.00)	
Comanche County 10 E Coldwater	11	1800CST			0	0			Hail (2.75)	
Edwards County Belpre	11	1800CST			0	0			Hail (1.75)	
Edwards County 4 W Belpre	11	1802CST			0	0			Hail (1.75)	
Edwards County 1 ESE Belpre	11	1804CST			0	0			Hail (1.00)	
Kiowa County Greensburg	11	1810CST			0	0			Hail (0.75)	
Edwards County 2 S Lewis	11	1825CST			0	0			Hail (1.75)	
Edwards County 3 W Belpre	11	1825CST			0	0			Hail (0.75)	
Kiowa County 6 E Mullinville to 4 SE Mullinville	11	1828CST 1832CST	2.5	50	0	0			Tornado (F0)	
Tornado moved southwest and was accompanied by rear flank downdraft damage in Mullinville.										
Pawnee County 5 S Larned	11	1840CST			0	0			Hail (2.75)	
Kiowa County 3 SSE Mullinville	11	1840CST			0	0			Hail (2.75)	
Kiowa County 4 SW Greensburg	11	1841CST			0	0			Hail (1.75)	
Kiowa County Mullinville	11	1843CST			0	0	1.5M		Thunderstorm Wind (G95)	
Downburst with winds estimated over 100 MPH with numerous reports of roof and vehicle damage. Lots of trees and limbs down. Roof blown off a read-mix plant...elevator doors blown off and shed blown several blocks. Power lines also down. This storm was accompanied by large hail just southeast of town. Wind was associated with rear flank downdraft rotating around the north side of the southwest moving storm.										
Kiowa County Mullinville	11	1845CST			0	0			Hail (1.75)	
Comanche County 22 SE Coldwater	11	1858CST			0	0			Hail (1.75)	
Kiowa County 13 SE Mullinville	11	1904CST			0	0			Hail (5.00)	
There was a report of 10 head of cattle killed by the hail.										
Edwards County 5 S Offerle	11	1925CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
KANSAS, Southwest									
Ford County 3 W Bucklin	11	1930CST 2000CST			0	0			Hail (1.00)
HAIL FEEL FOR 1/2 HOUR WITH TREES DEFOLIATED									
Comanche County 8 WNW Coldwater	11	1957CST			0	0			Hail (1.75)
Ford County 1 E Ford	11	1958CST			0	0			Thunderstorm Wind (G70)
Ford County 3 W Ford	11	2008CST			0	0			Thunderstorm Wind (G61)
Clark County 2 E Sitka	11	2014CST			0	0			Hail (1.00)
Ford County 1 NW Kingsdown	11	2022CST			0	0			Hail (1.25)
Clark County 5 E Ashland	11	2023CST			0	0			Hail (1.00)
Clark County 13 SE Ashland	11	2030CST			0	0			Hail (1.00)
Ford County 3 S Kingsdown	11	2035CST			0	0			Hail (1.25)
Clark County 18 NNW Ashland	11	2040CST			0	0			Hail (1.75)
Clark County 17 N Ashland	11	2042CST			0	0	3.8K		Hail (1.25)
OFF DUTY NWS WCM CAUGHT IN THE MIDDLE OF NO WHERE LEAVING THE LAKE PULLING BOAT.									
Clark County Ashland	11	2107CST			0	0			Hail (1.00)
Clark County Ashland	11	2115CST			0	0			Hail (2.75)
WIND SHIELD BROKEN ON TWO FIRE TRUCKS									
Meade County Meade	11	2232CST			0	0			Thunderstorm Wind (G52)
Meade County 8 S Meade	11	2232CST			0	0			Thunderstorm Wind (G52)
Gray County 1 E Montezuma	14	1450CST			0	0	4K		Thunderstorm Wind
8 POWER POLES BLOWN DOWN									
Gray County 4 N Montezuma	14	1450CST			0	0			Hail (0.75)
Gray County 4 N Montezuma	14	1450CST			0	0			Thunderstorm Wind
2 INCH TREE LIMBS BLOWN DOWN									
Gray County 1 S Gray Center	14	1454CST			0	0			Thunderstorm Wind (G61)
Hodgeman County Jetmore	14	1530CST			0	0			Thunderstorm Wind (G61)
5 INCH TREE LIMBS BLOWN DOWN									
Haskell County 2 NW Sublette	15	1730CST			0	0			Hail (0.75)
Gray County 3 SW Ingalls	15	1925CST			0	0			Hail (0.75)
Gray County 3 SW Ingalls	15	1935CST			0	0			Hail (0.75)
Kiowa County 5 W Grennsburg	18	1555CST			0	0			Hail (0.75)
Kiowa County Mullinville	18	1645CST			0	0			Hail (0.75)
Kiowa County Mullinville	18	1654CST			0	0			Hail (0.75)
Kiowa County 2 W Mullinville	18	1702CST			0	0			Hail (1.25)
Pratt County 5 W Pratt	18	1705CST			0	0	1K		Thunderstorm Wind
SEVERAL POWER POLES BLOWN DOWN									
Kiowa County 10 S Greensburg	18	1730CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
<u>KANSAS, Southwest</u>										
Barber County										
Isabel	18	1743CST			0	0			Hail (0.75)	
Barber County										
9 N Medicine Lodge	18	1755CST			0	0			Hail (0.75)	
Comanche County										
Protection	18	1808CST			0	0			Hail (0.88)	
Comanche County										
Coldwater	18	1825CST			0	0			Hail (0.88)	
Comanche County										
Coldwater	18	1830CST			0	0			Hail (0.88)	
Comanche County										
Protection	18	1836CST			0	0			Hail (1.75)	
Comanche County										
Protection	18	1855CST			0	0			Hail (1.75)	
Clark County										
10 S Sitka	18	1919CST			0	0			Hail (1.25)	
Hamilton County										
4 W Syracuse	21	1753MST			0	0	1K		Thunderstorm Wind (G70)	
		SATELLITE DISH DAMAGED								
Hamilton County										
Syracuse	21	1755MST			0	0	2K		Thunderstorm Wind	
		SHED DESTROYED...ROOF DAMAGED AND TREE LIMBS DOWN								
Hamilton County										
9 SSW Kendall	21	1817MST			0	0			Thunderstorm Wind (G73)	
Stanton County										
Johnson	21	1910CST			0	0			Thunderstorm Wind	
		NUMEROUS POWER LINES DOWN								
Stanton County										
Johnson	21	1916CST			0	0			Thunderstorm Wind (G61)	
Stanton County										
Johnson	21	1919CST			0	0			Hail (0.75)	
Stanton County										
8 N Big Bow	21	1921CST			0	0			Thunderstorm Wind (G65)	
		4 INCH TREE LIMBS BLOWN DOWN								
Morton County										
2 SW Richfield	21	1925CST			0	0			Thunderstorm Wind (G52)	
Kearny County										
17 WSW Lakin	21	1930CST			0	0			Thunderstorm Wind (G72)	
Morton County										
4 W Richfield	21	1930CST			0	0			Hail (0.75)	
Morton County										
2 W Richfield	21	1930CST			0	0			Hail (0.75)	
Grant County										
10 E Ulysses	21	1940CST			0	0			Hail (0.88)	
Grant County										
10 E Ulysses	21	1940CST			0	0			Thunderstorm Wind (G52)	
Haskell County										
13 N Satanta	21	1955CST			0	0			Hail (0.88)	
Haskell County										
13 N Satanta	21	1955CST			0	0			Thunderstorm Wind (G52)	
Kearny County										
Lakin	21	1957CST			0	0			Thunderstorm Wind (G62)	
Finney County										
Holcomb	21	2002CST			0	0			Thunderstorm Wind (G52)	
Haskell County										
Sublette	21	2007CST			0	0			Thunderstorm Wind	
		SHINGLES BLOWN OFF A ROOF								
Grant County										
8 NE Hickok	21	2010CST			0	0			Thunderstorm Wind (G71)	
		SHINGLES OFF A ROOF								
Finney County										
15 S Garden City	21	2015CST			0	0			Thunderstorm Wind (G70)	
Haskell County										
3 SSW Sublette	21	2017CST			0	0			Thunderstorm Wind (G52)	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
<u>KANSAS, Southwest</u>									
Grant County Ulysses	21	2020CST			0	2	1M		Thunderstorm Wind ROOF BLOWN OFF BOWLING ALLEY...NUMEROUS TREES DOWN...ROOFS DAMAGED...AROUND 100 POWER POLES BLOWN DOWN IN THE VICINITY.
Grant County 3 E Ulysses	21	2022CST			0	0	25K		Thunderstorm Wind MOBILE HOME DESTROYED
Finney County 1 NE Garden City	21	2030CST			0	0			Hail (0.88)
Finney County 1 NE Garden City	21	2030CST			0	0			Thunderstorm Wind (G52)
Haskell County 11 NNE Sublette	21	2030CST			0	0			Thunderstorm Wind 6 INCH TREE LIMBS DOWN...POWER POLES DOWN
KSZ086	Seward								
	21	2035CST 2100CST			0	0			High Wind (G63) OUTFLOW AND WAKE LOW DEPRESSION WINDS
Finney County 2 NW Garden City	21	2038CST			0	0	25K		Thunderstorm Wind (G88) A stell electrical tower was toppled 2 miles north of the event. The tower is rated at 125 mph. Nine power poles were knocked down in the vicinity.
Gray County 5 NNW Montezuma	21	2045CST			0	0			Thunderstorm Wind (G55)
Finney County 1 NW Pierceville	21	2046CST			0	0			Thunderstorm Wind (G52)
Gray County 5 S Ingalls	21	2052CST			0	0			Thunderstorm Wind (G54)
Gray County Cimarron	21	2053CST			0	0			Thunderstorm Wind POWER LINES AND TREE LIMBS DOWN
KSZ076	Haskell								
	21	2055CST 2130CST			0	0			High Wind (G61) WAKE DEPRESSION WINDS
Haskell County Sublette	21	2100CST			0	0			Thunderstorm Wind NUMEROUS POWER LINES AND TREES DOWN...SOME UNSPECIFIED BUILDING DAMAGE.
Ness County 3 NW Beeler	21	2109CST			0	0			Thunderstorm Wind (G73)
Ness County 3 NW Beeler	21	2109CST			0	0			Hail (1.00)
Ford County 3 WNW Dodge City Airport	21	2112CST			0	0			Thunderstorm Wind (G70)
Finney County Kalvesta	21	2116CST			0	0			Thunderstorm Wind (G88) 8 INCH TREE LIMBS DOWN AND POWER LINES DOWN
Ford County Dodge City	21	2119CST			0	0			Thunderstorm Wind WINDOWS BROKEN
Hodgeman County 14 W Jetmore	21	2120CST			0	0	200K		Thunderstorm Wind (G61) 44 POWER POLES DOWN IN THE VICINITY
Hodgeman County 11 WNW Jetmore	21	2125CST			0	0			Thunderstorm Wind (G61)
Hodgeman County 14 W Jetmore	21	2126CST			0	0			Thunderstorm Wind OUTBUILDING DESTROYED
Hodgeman County Jetmore	21	2127CST			0	0			Thunderstorm Wind (G53)
Hodgeman County Jetmore	21	2141CST			0	0			Thunderstorm Wind (G83) WIND WAS SUSTAINED FOR SEVERAL MINTUES AT 70 KNOTS...SEMI OVERTURNED AND POWER LINES DOWN. WIND PEAKED AT 83 KNOTS.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>KANSAS, Southwest</u>										
Hamilton County 14 SSW Syracuse	21	2141MST			0	0			Hail (1.00)	
Ness County 15 SE Ness City	21	2150CST			0	0			Thunderstorm Wind (G61)	
Ness County Ness City	21	2153CST			0	0	1.4M		Thunderstorm Wind (G52)	
100 POWER POLES DOWN IN THE AREA...NUMEROUS FARMS DAMAGED FROM 3 MILES SOUTH TO 11 MILES SOUTHWEST...TO 2 WEST OF NESS CITY. SOME EQUIPMENT WAS DAMAGED. WIND WAS OBVIOUSLY HIGHER SOUTH AND WEST OF TOWN.										
Pawnee County 11 NNW Burdett	21	2158CST			0	0			Thunderstorm Wind (G61)	
Rush County Alexander	21	2200CST			0	0	550K		Thunderstorm Wind	
30 X 40 FOOT SHED DESTROYED...LARGE TREES AND BRANCHES DOWN...CAMPER TRAILER OVERTURNED...AROUND 100 POWER POLES DOWN.										
Edwards County Offerle	21	2215CST			0	0			Thunderstorm Wind (G52)	
Pawnee County Burdett	21	2222CST			0	0			Thunderstorm Wind (G54)	
Edwards County Lewis	21	2225CST			0	0			Thunderstorm Wind (G52)	
BARN DESTROYED IN THE AREA										
Rush County La Crosse	21	2230CST			0	0	30K		Thunderstorm Wind	
2/3 OF THE ROOF OFF A BUSINESS BUILDING...POWER LINES DOWN...TRUCK OVERTURNED...AND A LAB TRAILER DESTROYED.										
Ellis County Schoenchen	21	2238CST			0	0			Thunderstorm Wind (G61)	
KSZ064	Hodgeman	21	2240CST		0	0			High Wind (G52)	
2300CST WAKE DEPRESSION WIND										
Hamilton County 5 S Syracuse	21	2240MST			0	0			Hail (1.00)	
Pawnee County Burdett	21	2245CST			0	0			Thunderstorm Wind	
12 INCH DIAMETER TREES AND POWER LINES DOWN										
Hamilton County 10 S Syracuse	21	2249MST			0	0			Hail (1.75)	
Ellis County 3 N Hays	21	2300CST			0	0			Hail (0.75)	
Ellis County Schoenchen	21	2300CST			0	0			Thunderstorm Wind (G61)	
Rush County La Crosse	21	2308CST			0	0			Thunderstorm Wind (G61)	
TREES AND POWER LINES DOWN										
Stanton County Manter	22	1740CST			0	0			Hail (0.75)	
Stanton County 2 S Johnson	22	1752CST			0	0			Hail (1.00)	
Stanton County Johnson	22	1758CST			0	0			Hail (0.75)	
Ford County Bucklin	23	1806CST			0	0			Hail (0.75)	
Kiowa County Mullinville	23	1820CST			0	0			Thunderstorm Wind (G52)	
Edwards County 7 S Lewis	23	1835CST			0	0			Hail (0.88)	
Ford County Bucklin	23	1842CST			0	0			Hail (0.88)	
Ford County Bucklin	23	1854CST			0	0			Hail (0.75)	
Edwards County 1 W Centerview	23	1858CST			0	0			Hail (1.00)	
Edwards County 6 W Centerview	23	1905CST			0	0			Hail (1.00)	

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	June 1996
						Killed	Injured	Property			
<u>KANSAS, Southwest</u>											
Pratt County											
1 N Hopewell		23	1912CST			0	0			Thunderstorm Wind (G52)	
Pratt County											
1 N Byers		23	1930CST			0	0			Hail (1.00)	
Pratt County											
1 N Byers		23	1930CST			0	0			Thunderstorm Wind (G61)	
Stafford County											
Macksville		23	1930CST			0	0			Thunderstorm Wind	
LARGE TREE LIMBS DOWN											
Stafford County											
5 NW St John		23	2000CST			0	0			Hail (0.75)	
Pratt County											
2 N Iuka		23	2003CST			0	0			Hail (1.00)	
Pratt County											
2 W Preston		23	2008CST			0	0			Hail (0.75)	
Barber County											
8 NE Medicine Lodge		23	2050CST			0	0			Hail (0.75)	
Gray County											
Cimarron		24	0735CST			0	0			Hail (0.75)	
Stanton County											
5 S Saunders		24	1545CST			0	0			Hail (0.75)	
Stanton County											
Manter		24	1555CST			0	0			Thunderstorm Wind (G52)	
Hamilton County											
8 SE Syracuse		24	1600MST			0	0			Hail (0.88)	
Hamilton County											
9 SE Syracuse		24	1607MST			0	0			Hail (0.88)	
Stevens County											
4 S Feterita		24	1626CST			0	0			Hail (0.75)	
Stanton County											
8 N Big Bow		24	1635CST			0	0			Hail (0.75)	
Gray County											
Cimarron		24	1635CST			0	0			Hail (0.75)	
Grant County											
8 SW Hickok		24	1641CST			0	0			Thunderstorm Wind (G52)	
Stevens County											
2 S Feterita		24	1650CST			0	0			Flash Flood	
WATER OVER HIGHWAY 25											
Kiowa County											
Haviland		24	1705CST			0	0			Hail (0.88)	
HAIL COVERED THE GROUND											
Haskell County											
Sublette		24	1715CST			0	0			Thunderstorm Wind (G52)	
Kiowa County											
3 SW Haviland		24	1715CST			0	0			Hail (0.75)	
Stevens County											
Moscow		24	1803CST			0	0			Flash Flood	
WATER OVER THE ROAD LEADING TO TOWN.											
Meade County											
Plains		24	1806CST			0	0			Thunderstorm Wind (G52)	
Meade County											
3 SE Plains		24	1815CST			0	0			Thunderstorm Wind (G54)	
Meade County											
6 SE Plains		24	1825CST			0	0			Hail (0.75)	
Gray County											
Copeland		24	1830CST			0	0			Thunderstorm Wind (G52)	
Gray County											
Cimarron		24	1839CST			0	0			Hail (0.75)	
Gray County											
Cimarron		24	1840CST			0	0			Hail (1.00)	
Meade County											
5 W Fowler		24	1847CST			0	0			Thunderstorm Wind (G54)	
Hodgeman County											
14 NW Jetmore		24	1906CST			0	0			Thunderstorm Wind (G52)	
Lane County											
Shields		24	1911CST			0	0			Thunderstorm Wind (G54)	

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Estimated Damage Property Crops	Character of Storm	
<u>KANSAS, Southwest</u>									
Ford County Wright	24	1915CST			0	0		Thunderstorm Wind (G52)	
Hodgeman County 5 E Jetmore	24	1942CST			0	0		Thunderstorm Wind (G54)	
Rush County 1 N La Crosse	24	2025CST			0	0		Hail (0.75)	
Rush County 2 NW La Crosse	24	2027CST			0	0		Hail (1.00)	
Pawnee County Larned	24	2029CST			0	0		Hail (1.00)	
Trego County 1 E Trego Center	25	1815CST			0	0		Hail (0.75)	
Trego County 1 E Trego Center	25	1815CST			0	0		Thunderstorm Wind (G52)	
Trego County 2 SE Trego Center	25	1815CST			0	0		Thunderstorm Wind (G52)	
Stevens County 6 SSE Cave	25	1845CST			0	0		Hail (0.88)	
Meade County 8 NNW Meade	25	1845CST			0	0		Hail (0.75)	
Seward County 15 NNW Liberal	25	1846CST			0	0		Thunderstorm Wind (G52)	
Trego County 5 E Trego Center	25	1852CST			0	0		Hail (0.75)	
Trego County 4 SE Trego Center	25	1905CST			0	0		Hail (0.75)	
Trego County 2 SE Trego Center	25	1910CST			0	0		Hail (0.75)	
Pratt County 2 N Coats	29	1826CST			0	0		Hail (0.75)	
Pratt County 6 SW Pratt	29	1830CST			0	0		Thunderstorm Wind (G70)	
Stevens County 3 S Hugoton	30	1318CST			0	0		Flash Flood	
EVANS ROAD FLOODED FROM HUGOTON TO THE OKLAHOMA BORDER									
Seward County Liberal	30	1506CST			0	0		Street Flooding	
SEVERAL STREETS FLOODED									
Barber County Sun City	30	1543CST			0	0		Thunderstorm Wind (G52)	
TREES BENT TO THE GROUND									
Barber County Sun City	30	1543CST			0	0		Thunderstorm Wind (G52)	
TREES BENT TO THE GROUND									
<u>KENTUCKY, Central</u>									
Taylor County Campbellsville	03	1745EST			0	0		Hail (1.75)	
Golf ball size hail reported.									
Rockcastle County Mt Vernon	03	2005EST			0	0		Hail (1.75)	
Golf ball size hail reported by an observer.									
Clinton County Shipley	03	2110EST 2112EST	0.5	50	0	0		Tornado (F0)	
Police spotted a weak F0 tornado. The tornado touchdown was brief and DES reported several trees down. NO property damage reported.									
Casey County Yosemite	07	1350EST 1400EST			0	0	5K	Thunderstorm Wind (G52)	
Large trees down. A roof was blown off a mobile home. The trailer also suffered major damage to two bedrooms and also suffered rain damage.									
Montgomery County Hope	07	1725EST			0	0		Thunderstorm Wind (G50)	
Trees were reported down.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Central</u>									
Bath County Slate Vly	07	1725EST			0	0			Thunderstorm Wind (G50)
	Trees were reported down.								
Ohio County Fordsville	14	2315EST			0	0			Hail (1.75)
	State police reported golf ball size hail.								
Rowan County Morehead	22 23	2300EST 0030EST			0	0	50K		Flash Flood
	Water covered numerous roads from 15 miles north of Morehead to Haldeman. Propane tanks and trailers were washed out and floating across roads in Morehead. Report was from state police.								
Bourbon County Paris	23	0030EST			0	0			Thunderstorm Wind (G50)
	State police reported several trees down.								
Harrison County Northern Part	23	0120EST			0	0			Thunderstorm Wind (G50)
	Police report several trees down across the northern part of the county as well as 2 trailers shifted off their foundations.								
Warren County Boyce	23	1708EST			0	0			Thunderstorm Wind (G50)
	Police reported several trees down.								
<u>KENTUCKY, Eastern</u>									
Jackson County Peoples	03	2025EST			0	0	0	0	Hail (0.75)
Magoffin County Salyersville	08 09	2300EST 0300EST			0	0	500K	0	Flash Flood
	Rainfall of up to 3 inches in less than 6 hours resulted in flash flooding over parts of Magoffin County. Some of the worst flooding occurred in the Rockhouse, Burning Fork, Dry Bread, Gun Creek, and Royalton sections of the county. Flooding washed out many driveways and private bridges. The Mountain Parkway just east of the Salyersville city limits was flooded, and had to be closed. In Salyersville, a woman had to be rescued after she drove her car into a flooded section of road.								
Jackson County Mc Kee	12	1745EST			0	0	0	0	Hail (0.75)
Breathitt County Jackson	24	1746EST			0	0	0	0	Thunderstorm Wind
	Trees were downed in various spots across the county.								
Pike County South Williamson	24	1810EST			0	0	0	0	Thunderstorm Wind
	Trees were downed.								
<u>KENTUCKY, Northeast</u>									
Boyd County Ashland	06	1840EST			0	0	10K		Thunderstorm Wind
	A steel company had a few work trailers damaged.								
Carter County Soldier	07	1634EST			0	0	40K		Thunderstorm Wind
	A roof was blown off a small market and damaged a car on the parking lot.								
Greenup County Greenup	07	1700EST			0	0	1K		Thunderstorm Wind
	Trees were blown across Alcorn Road.								
Carter County Olive Hill	22 23	2230EST 0230EST			1	0	75K		Flash Flood
	Three to 4 inches of rain caused stream flooding. A 24 year old woman drowned in Bens Run. She fell into the creek while trying to cross a wooden bridge between her home and Route 986. The approach to the bridge had been washed away and she did not realize that in the dark. The county coroner said she fell and was washed away.								
								F24IW	
Greenup County Greenup	24	1625EST			0	0	5K		Thunderstorm Wind
Boyd County Ashland	24	1700EST			0	0	5K		Thunderstorm Wind
	Large trees were knocked down in the city.								
Lawrence County Louisa	24	1715EST			0	0	3K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Northeast</u>									
Martin County Inez	24	1725EST			0	0	3K		Thunderstorm Wind
<u>KENTUCKY, Northern</u>									
Pendleton County Falmouth	06	1436EST 1440EST			0	0			Hail (0.75)
Bracken County Countywide	06	1510EST 1515EST			0	0	3K		Thunderstorm Wind (G50)
		Numerous trees and power lines downed.							
Kenton County Morning View	22	1625EST 1630EST			0	0			Hail (0.75)
Kenton County Villa Hills	22	1941EST 1944EST			0	0	3K		Thunderstorm Wind (G50)
		Numerous trees downed.							
Boone County Union	30	2300EST 2359EST			0	0	1M		Flash Flood
		Persistent heavy rainfall caused Gunpowder, Fowlers, and Longbranch creeks to rise rapidly out of their banks. Numerous roads were under water and some people were rescued from the top of cars that became submerged in the water. Over 30 homes were damaged.							
Kenton County Independence	30	2300EST 2359EST			0	0	1M		Flash Flood
		Persistent heavy rainfall caused flooding of roads and evacuation of homes. Several bridges were destroyed by high water. Around 30 homes were damaged.							
<u>KENTUCKY, Southwest</u>									
KYZ014	Union	01 05	0001CST 1900CST		0	0	50K		Flood
		The Ohio River was slightly above flood stage at Uniontown in early June. It crested about 1.5 feet above flood stage on June 3, then fell below flood stage on June 5. Some agricultural bottomland was flooded, but damage was minimal.							
KYZ001>004	Fulton - Hickman - Carlisle - Ballard	01 18	0001CST 1200CST		0	0			Flood
		The Mississippi River crested at New Madrid, MO on June 5, then fell below flood stage on June 18. The crest of 36.6 feet at New Madrid was above the flood stage of 34 feet. Bottomland woodlands and farm fields were flooded, along with a few roads closest to the river.							
Graves County Mayfield	02	0030CST 0200CST			0	0			Urban/Sml Stream Fld
		Up to 2 inches of rain fell in about 3 hours near Mayfield. This resulted in flooded streets and some stranded motorists.							
Trigg County Cadiz	03	1430CST			0	0			Hail (0.75)
Calloway County Murray	03	1540CST			0	0			Hail (0.75)
Trigg County 5 N Cadiz	03	1540CST			0	0			Hail (0.75)
Caldwell County 4 E Princeton	03	1600CST			0	0			Hail (1.00)
Hopkins County Charleston	03	1620CST			0	0			Hail (0.88)
Calloway County Midway	03	1620CST			0	0	5K		Thunderstorm Wind
		Tree limbs and power lines were down.							
Muhlenberg County New Cypress	03	1625CST			0	0			Hail (0.75)
Muhlenberg County 4 S Greenville	03	1653CST			0	0			Hail (0.75)
Daviess County 2 SE Andersonville	12	1447CST			0	0			Hail (0.75)
Mccracken County Paducah	24	1300CST 1400CST			0	0			Urban/Sml Stream Fld
		About an inch of rain fell in 20 minutes at the National Weather Service office in West Paducah. Flooding of streets and underpasses was fairly common, especially where drains were clogged.							

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
June 1996									
<u>KENTUCKY, Southwest</u>									
Hickman County Clinton	24	1630CST 1730CST			0	0			Urban/Sml Stream Fld
About 2 inches of rain fell in the Clinton area in less than 2 hours. Numerous streets were flooded, with some water getting high enough to come close to some foundations of homes in typically threatened areas.									
<u>LOUISIANA, Northeast</u>									
Richland Parish Mangham	07	1654CST			0	0			Hail (0.75)
Concordia Parish 8 NW Vidalia to 2 NW Vidalia	19	1915CST 1935CST			0	0	10K		Thunderstorm Wind
Several trees were blown down. One tree fell on a house.									
<u>LOUISIANA, Northwest</u>									
Caddo Parish Vivian	01	1050CST 1230CST			0	0			Flash Flood
An estimated six inches of rain fell causing Hwy 1 near Hwy 7 to flood resulting in an automobile accidnet..									
Caddo Parish Vivian	01	1050CST 1230CST			0	1			Flash Flood
An estimated 6 inches of rain fell causing Hwy 1 near hwy 71 to flood which resulted in an automobile accident.									
Caddo Parish Shreveport	01	1400CST 1600CST			0	0			Flash Flood
Heavy rain in a short period of time resulted in six inches of water across Old Bienville road. The water covered the road for approximately one hundred yards and closed the road.									
Caddo Parish Shreveport	01	1430CST 1530CST			0	0			Flash Flood
A rainfall observer reported 3.62 inches of rain in one hour. As a result, I-20 near Fairgrounds Road was impassable due to high water.									
Natchitoches Parish 2 E Hagewood to Hagewood	01	1550CST			0	0			Thunderstorm Wind (G65)
Reported by Storm Spotter at Hwy 6 on I-49.									
Sabine Parish 1 N Many to Many	01	1635CST			0	0			Thunderstorm Wind (G55)
Numerous trees blown down.									
Union Parish Haile	03	1810CST			0	0			Thunderstorm Wind (G50)
Trees blown down in the eastern sections of town.									
Ouachita Parish Monroe	03	1858CST			0	0			Thunderstorm Wind (G69)
Reported by airport weather observer.									
Webster Parish Heflin	07	1452CST			0	0			Hail (0.88)
Bienville Parish Bienville	07	1500CST			0	0			Thunderstorm Wind (G60)
Several trees and power lines were blown down resulting in numerous power outages.									
Bienville Parish Bienville	07	1510CST			0	0			Thunderstorm Wind (G60)
Five large oak trees were blown down across Hwy 506.									
Bienville Parish Bienville	07	1515CST			0	0			Hail (0.88)
Lincoln Parish 4 W Ruston to Ruston	07	1520CST			0	0			Thunderstorm Wind (G60)
Several large trees were blown down.									
Jackson Parish Weston	07	1615CST			0	0			Hail (0.50)
Ouachita Parish 5 SW Monroe to Monroe	07	1620CST			0	0			Thunderstorm Wind (G60)
Several large trees blown down.									
Natchitoches Parish 4 E Campti to Campti	12	1944CST			0	0			Hail (0.50)

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Damage Property	Crops	Character of Storm
LOUISIANA, Northwest									
Natchitoches Parish 10 N Natchitoches to Natchitoches	12	1950CST			0	0			Thunderstorm Wind (G60)
	Several large trees were blown down across LA Highway 3033.								
Natchitoches Parish 3 E Campti to Campti	12	2010CST			0	0			Thunderstorm Wind (G50)
	Three inch diameter limbs were blown down from trees along Hwy 9.								
Bossier Parish Plain Dealing	13	0755CST			0	0			Thunderstorm Wind (G60)
	Several trees were blown down.								
Bossier Parish Plain Dealing	13	0900CST 1030CST			0	0			Flash Flood
	Many streets and roadways inside the city were underwater.								
Webster Parish Springhill	13	0900CST 1100CST			0	0			Flash Flood
	A National Weather Service Cooperative Observer reported six inches of rain with all roads leading into Lake Erling underwater and impassable.								
Ouachita Parish Bosco	18	1254CST			0	0			Thunderstorm Wind (G65)
Winn Parish Coldwater	19	1915CST			0	0			Thunderstorm Wind (G65)
	Trees blown down across Hwy 1233.								
Jackson Parish Chatham	19	1940CST			0	0			Hail (0.50)
Bienville Parish 3 E Bienville to Bienville	19	2012CST			0	0			Hail (0.50)
Jackson Parish 8 SW Womack to Womack	19	2032CST			0	0			Hail (0.50)
Winn Parish 2 E Sikes to Sikes	19	2042CST			0	0			Hail (0.75)
Winn Parish 3 S Sikes to Sikes	19	2055CST			0	0			Thunderstorm Wind (G60)
	Trees and power lines down across Hwy 499.								
Natchitoches Parish Reidheimer	19	2100CST			0	0			Hail (0.75)
Winn Parish Calvin	19	2120CST			0	0			Thunderstorm Wind (G65)
	Several trees blown down across Hwy 501.								
Winn Parish Calvin	19	2126CST			0	0			Hail (0.75)
Natchitoches Parish Natchitoches	19	2305CST			0	0			Thunderstorm Wind (G60)
	Several trees blown down across Hwy 485.								
De Soto Parish 8 NE Mansfield to Mansfield	19	2330CST			0	0			Hail (0.75)
Red River Parish Hall Summit	19	2345CST			0	0			Hail (0.75)
Red River Parish Hall Summit	19	2345CST			0	0			Thunderstorm Wind (G60)
	Several trees blown onto Hwy 485.								
De Soto Parish Mansfield	20	0020CST			0	0			Thunderstorm Wind (G60)
	Trees blown down across southern portions of town.								
Caddo Parish 5 SW Shreveport to Shreveport	20	0205CST			0	0			Hail (0.50)
Natchitoches Parish 10 SE Natchitoches to Natchitoches	22	1430CST			0	0			Thunderstorm Wind (G60)
	Trees were blown down including one that fell onto a Valley Electric Substation causing numerous power outages and power								

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
<u>LOUISIANA, Northwest</u>									
voltage spikes across town.									
Natchitoches Parish Derry	22	1430CST			0	0			Thunderstorm Wind (G60)
Several trees blown down.									
<u>LOUISIANA, Southeast</u>									
East Baton Rouge Parish Indian Mound	01	1700CST			0	0			Hail (1.00)
One inch size hail was reported by the public.									
Livingston Parish Watson	01	1725CST			0	0			Hail (1.00)
Livingston Parish Sheriffs Office reported one inch hail									
Livingston Parish Denham Spgs	01	1730CST			0	1	5K	0	Thunderstorm Wind
Thunderstorm wind gusts toppled several trees onto a house. One person in the house suffered minor injuries.									
Jefferson Parish (Msy)Moisant Fld New	23	1306CST			0	0	0	0	Thunderstorm Wind (G55)
Tangipahoa Parish Hammond to Ponchatoula	24	1430CST			0	0	10K	0	Thunderstorm Wind
Numerous large tree limbs were downed by thunderstorm wind gusts. 14 parish roads were temporarily closed by downed tree limbs.									
<u>LOUISIANA, Southwest</u>									
Allen Parish Oberlin	13	1450CST			0	0	5K		Thunderstorm Wind
Several trees were blown down on power lines.									
Beauregard Parish Dry Creek	13	1455CST			0	0	5K		Thunderstorm Wind
Several trees were blown down on power lines on Highway 394.									
Avoyelles Parish Bunkie	13	1700CST			0	0	5K		Thunderstorm Wind
Several trees were blown down on power lines.									
Calcasieu Parish Lake Charles	19	1430CST			0	0	1K		Urban/Sml Stream Fld
Heavy rain caused several streets to flood, including Highway 14 on the east side of Lake Charles.									
Lafayette Parish Lafayette	24	1400CST			0	0	25K		Lightning
Lightning struck a house and casued a power surge through a ceiling fan, which caught fire. No injuries were reported.									
<u>MAINE</u>									
Oxford County Oxford	05	1514EST 1517EST			0	0			Thunderstorm Wind
Winds from a severe thunderstorm blew down about 10 trees 1 mile north of Oxford. A small portion of a metal shed roof was torn off by the wind.									
Knox County Thomaston	14	1230EST			0	0	3K		Lightning
A bolt of lightning struck a Thomaston home, leveling a double-wide chimney and blowing out some wall outlets. No one was injured.									
Penobscot County Bangor	14	1230EST 1300EST			0	0			Flash Flood
In Bangor, a slow moving thunderstorm dumped 3 inches of rain on the city in 30 minutes. Many roadways were washed out along the Kendusky Stream and other areas of the city.									
MEZ007>009-012>014-019>020	Northern Oxford - Northern Franklin - Central Somerset - Southern Oxford - Southern Franklin - Southern Somerset - Interior Cumberland - Androscoggin								
	26	0900EST 1700EST			0	0			High Wind
Gusty winds behind a cold front toppled trees onto power lines, knocking out power to more than 14,000 customers.									
<u>MARYLAND, Central</u>									
Washington County Smithsburg	04	1425EST			0	0			Hail (1.00)
One-inch diameter hail was reported in Smithsburg.									

Storm Data and Unusual Weather Phenomena

[illegible]

MARYLAND, Central

Washington County					
1 E Hancock	04	1545EST	0	0	Hail (1.00)
Another pulse-severe thunderstorm dropped one-inch diameter hail near Hancock.					

Harford County						
East Portion	04	1805EST	0	0	3K	Hail (0.88)
Estimated penny- to nickel-sized hail fell in Bel Air, Churchville, Abingdon, and Port Deposit. A few vehicles in Port Deposit sustained minor damage from hail dents.						

Montgomery County Dickerson	04	1835EST	0	0	25K	Thunderstorm Wind
Thunderstorm winds blew 3/8 inch hail stones into the siding of a residence in Dickerson, peeling much of it off. Damage from the wind-blown hail was estimated at \$9,000. A barn nearby had a sheet metal roof blown off, and damage was sustained to it's doors.						

Montgomery County						
Damascus	04	1855EST	0	0	10K	Thunderstorm Wind
Thunderstorm winds knocked down several trees and large limbs along Clarksburg Road.						

Frederick County						
10 SW Mt Airy	04	1900EST	0	0	50K	Thunderstorm Wind

Carroll County						
Mt Airy	04	1905EST	0	0	5K	Thunderstorm Wind

Frederick County								
4 W Mt Airy to 3 W Mt Airy	04	1905EST 1907EST	1	65	0	0	150K	Tornado (F1)

A severe thunderstorm produced wind damage along a 10-mile swath from eastern Frederick Co into extreme southern Carroll Co. Downburst wind damage, in the form of 100 snapped or blown down trees, was noted along Green Valley Road (state route 75) near Green Hills. An eyewitness in the area observed hail between 1 and 1 1/2 inches in diameter. As the storm moved northeast towards Mt Airy, scattered tree damage and damage to trim on homes was also noted. One home had it's carport blown off, and 3 others sustained fence damage.

Approximately 4 miles southwest of Mt Airy a gustnado touched down in the Molesworth Hills subdivision, causing extensive damage to trees, moderate damage to five homes, and minor damage to about 10 other residences. One home had a garage wall blown out. A new home had a garage door blown inward, siding and roofing torn away, and a picture window blown in. Two sheds were also damaged. Three homes sustained roof damage from fallen trees, which also damaged two automobiles. The tornado also totalled a late-model pickup truck, and blew out the windshield of a van.

An eyewitness noted the gustnado, "between 100 and 200 feet in width," heading towards him. He took cover in a nearby ditch and escaped unharmed.

In Mt. Airy (Carroll Co), straight-line winds blew down three large maple trees (1-2 feet in diameter), parts of which landed up to 20 feet away. A few more trees were felled near the library.

Carroll County					
Manchester	04	1925EST	0	1	Lightning
Lightning struck and injured a woman in Manchester.					

Montgomery County						
Comus to Dickerson	10	1930EST 2100EST	0	0	40K	Flash Flood

Frederick County Brunswick to Point Of Rocks	10	1930EST 2100EST	0	0	30K	Flash Flood
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Training thunderstorms, containing torrential rains, dumped an estimated 3 to 4 inches in a thin swath over extreme southern Frederick Co and northwestern Montgomery Co. In Dickerson, 2 feet of water was noted at the intersection of Dickerson Road (state route 28) and Nicholson Farm Road. A portion of Dickerson Road shifted due to the severe erosion. In addition, a resident reported 4 inches of flowing water "on the level" of his property. In Comus, a creek flooded a bridge of state route 109, with 2 1/2 feet of water overtop. Minor flooding was also reported at the Comus Inn restaurant; several residences' basements were flooded in the Comus/Barnesville area.

Montgomery County						
Comus	10	2000EST	0	0	2K	Lightning
Lightning struck and killed two cows at a farm in Comus.						

Storm Data and Unusual Weather Phenomena

June 1996

MARYLAND, Central									
Allegany County W Portion	11	1600EST 1700EST			0	0	50K		Flash Flood
A continued feed of tropical moisture, combined with a stationary upper-level trough, produced scattered torrential-rain producing thunderstorms across the Potomac Highlands. One of these storms ravaged western Allegany Co, flooding roads in and near Frostburg and Cumberland. Substantial damage was reported in Mt. Savage, where mud slides closed roads and runoff from higher terrain flooded several homes.									
Allegany County Frostburg	11	1605EST			0	0			Hail (0.75)
Penny-sized hail fell in western Allegany Co.									
Montgomery County Central Portion	11	1620EST 1645EST			0	0	2K		Flash Flood
A concentrated area of thunderstorms dumped copious rainfall on southern and central Montgomery Co, producing scattered flash flooding. High standing water was noted at the intersection of state route 355 and Montrose Road in Rockville. In Norbeck (6 E Rockville), the Northwest Branch came out of it's banks, causing minor flooding and temporary road closures of state route 28 and Layhill Road.									
Harford County Upper Crossroads	11	1630EST 1715EST			0	0	2K		Flash Flood
Street flooding was reported at the intersection of state routes 165 and 152 in Upper Crossroads. A small mud slide was also reported along route 165, and another along Morse Road in Jarrettsville.									
Montgomery County Derwood	14	1935EST 1940EST			0	0	5K		Thunderstorm Wind
A small microburst knocked down several small to medium sized trees and limbs in a Derwood subdivision.									
Frederick County S Portion	17	2030EST 2200EST			0	0	10K		Flash Flood
Intense thunderstorms dumped an estimated 2 1/2 inches of rain in about two hours onto rather saturated soil in southern Frederick Co, flooding some areas. In the city of Frederick, portions of the town center were flooded. Farther south, along state route 28 near the Monocacy River, minor flooding was reported.									
Baltimore County S Portion	17	2100EST 2300EST			0	0	50K		Flash Flood
Intense thunderstorms dumped torrential rainfall over the northern and eastern suburbs of Baltimore City. Storm totals were estimated between 3.5 and 4 inches in less than 2 hours in the hardest hit areas. In Randallstown, the parking lot of a strip mall was under water. Numerous basements and underpasses were flooded from Pikesville to Essex. The combination of high water, gusty winds, and copious lightning knocked out power to at least 6000 county residents. A freight train derailed in Reisterstown when the track was partially washed out.									
Baltimore City (C) Ne Portion	17	2100EST 2300EST			0	0	100K		Flash Flood
Intense thunderstorms, dumping between 3 1/2 and 4 inches of rain within 2 hours, produced widespread flash flooding in the eastern portion of Baltimore City. At last 20 persons were rescued from stranded automobiles. Many of the trapped motorists were on Loch Raven Blvd. and along federal highway 40. No injuries or deaths were reported. Hundreds of low-lying intersections and underpasses were flooded, including one on the Jones Falls Expressway. Numerous basements and ground floors were flooded by a combination of the heavy rainfall and clogged storm drains. The combination of high water, gusty winds, and prodigious lightning knocked out power to nearly 14 thousand city residents.									
Montgomery County Extreme Nw Portion	17 18	2300EST 0200EST			0	0	10K		Flash Flood
Thunderstorms, containing torrential rains, produced flash flooding and a few road closures in extreme northwest Montgomery Co. For the second time in 8 days, state route 109 was closed between Barnesville and Comus when a creek overflowed it's banks.									
Montgomery County Central Portion	18	0000EST 0300EST			0	0	30K		Flash Flood

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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MARYLAND, Central

Intense "training" thunderstorms dumped rainfall of 3 to 4 inches within 3 hours in the Darnestown-Germantown-N. Gaithersburg area, causing Seneca Creek to overflow it's banks. The flooding closed numerous thoroughfares, including state route 28 just north of Darnestown and Riffle Ford Road. An automobile was trapped in the flood waters along route 28 around 0230EST, and one occupant had to be rescued. These and other roadways remained closed into the morning rush on the 18th. On state route 109 west of Interstate 270, a 50 x 24 section of pavement was eroded by a swollen brach of Little Bennett Creek.

Washington County E Portion

18	2330EST	0	0	1M	Flash Flood
19	0830EST				

Frederick County N Portion

19	0000EST	1	0	5M	Flash Flood
	0900EST				

F36OU

Carroll County W Portion

19	0030EST	0	0	1M	Flash Flood
	0930EST				

Torrential convective rainfall moved across the northern tier of central Maryland during the early morning hours on the 19th, producing widespread and in some cases catastrophic flooding across the area. Rainfall of over 5.5 inches fell in Emmitsburg, with up to 13 inches in nearby Gettysburg, Pennsylvania, during the late night hours. The worst damage was in Emmitsburg, where numerous residences, businesses, and farms were flooded. Nearly all roads leading into town, including the main thoroughfare (state route 140), were flooded and/or damaged. Fifty evacuations occurred in Frederick Co, and 21 in Washington Co. Several persons were rescued, including three volunteer fire fighters and four local women (Frederick Co). An 18-foot mobile camper was destroyed near Emmitsburg after it was swept away by flood waters.

There was one fatality approximately 3 miles southwest of Emmitsburg. At 0000EST, a woman exited her van along Little Owens Creek and was promptly swept away by the floodwaters, which at the time were 3 feet over top of Eylers Valley Road. The woman was found at noon the following day, approximately 1/4 mile downstream.

In Washington Co, an overflowed creek near downtown Hagerstown punched a large hole into a cinder block wall at the municipal stadium, causing an estimated \$100,000 in damage and cancelling an eight-game baseball home stand. A home in Hagerstown was swept off it's foundation. Numerous roads were submerged overnight through the following morning. In Carroll Co, many roads were also flooded, including state route 140 at the Monocacy River bridge. Damage along route 140 closed the highway for more than one week. The Monocacy, which traverses Carroll and Frederick Cos, has a rapid flood response; in this event, flood stage was quickly surpassed on the 19th. In fact, the crest of 25.5 feet was a flood of record.

Montgomery County Nw Portion

19	0500EST	0	0	30K	Flash Flood
	0900EST				

Howard County Nw Portion

19	0600EST	0	0	20K	Flash Flood
	0900EST				

Areas which received flash flooding on the 18th were inundated with additional heavy rainfall during the morning of the 19th, causing a repeat performance. Once again, several creeks and streams overflowed their banks, including Seneca Creek. Closed state highways included route 28 near Dawsonville, route 109 near Barnesville, and route 121. High standing water snarled traffic along interstate 270 in a construction zone between routes 118 and 121. Other flooding was noted along Bennett Creek near the northern tip of Montgomery Co. High standing water temporarily closed Wightman/Brink Road near the state route 27/355 interchange in Germantown.

In Howard Co, some creeks overflowed their banks near the Montgomery/Frederick line, flooding area roads.

Howard County Ne Portion

19	1115EST	0	0	10K	Flash Flood
	1500EST				

Baltimore County S Portion

19	1115EST	2	0	25K	Flash Flood
	1500EST				

M29IW, F29IW

Baltimore City (C) Citywide

19	1200EST	0	0	100K	Flash Flood
	1500EST				

Anne Arundel County N Portion

19	1300EST	0	0	25K	Flash Flood
	1600EST				

More storms continued to develop during the mid and late morning hours in east-central Maryland. Heavy rains from these storms, combined with runoff from earlier events upstream, pushed the Patapsco River out of it's banks along the Howard/Baltimore Co line shortly after noon. For the second time in three days, portions of Baltimore City were flooded, including up to 15 businesses in the Canton district, a low-lying area in the eastern portion of town. Much of the flooding was exacerbated by a poorly filtered storm drainage system. Dozens of people were evacuated. Jones Falls rose 12 feet, but no damage was reported to the Mt.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property Crops		Character of Storm
Killed	Injured									

MARYLAND, Central

Washington bridge.

The most notable problems were along the Patapsco River, where 2 fatalities occurred. The deceased, a young man and woman, were rafting on the river (despite the fact that the area was under a flash flood watch and warning) at approximately 1545EST when the fast current washed them over an earthen dam which catapulted them out of the raft. Other evacuations/rescues were necessary in the Gwynns Falls area along the river between 1200 and 1300EST. Six occupants in a van became trapped in flood waters near the Baltimore Beltway (interstate 695), requiring another rescue.

Other roads closed in southern Baltimore Co included the intersection of River and Frederick Road (state route 144), and Cromwell Bridge Road and Manor Road. In Anne Arundel Co, Defense Highway (near Annapolis) was closed due to high standing water. Numerous basements were flooded, as were low-lying neighborhoods especially in Arnold near the Magothy River. Five other county roads were closed as well.

Baltimore City (C) Downtown

19	1630EST	1	0			Lightning
Lightning struck and killed a construction worker on a roof in downtown Baltimore. The worker died from cardiac arrest.						
M28OU						

Baltimore County S Portion

19	2245EST	0	0	25K		Flash Flood
20	0100EST					

Baltimore City (C) Citywide

19	2245EST	0	0	25K		Flash Flood
20	0100EST					

Carroll County S Portion

19	2245EST	0	0	40K		Flash Flood
20	0100EST					

Howard County Nw Portion

19	2245EST	0	0	30K		Flash Flood
20	0100EST					

Frederick County Countywide

19	2300EST	0	0	75K		Flash Flood
20	0100EST					

Montgomery County N Portion

19	2300EST	0	0	40K		Flash Flood
20	0100EST					

Yet another round of tropical convection developed over flood-weary north central Maryland during the late evening of the 19th. Additional rainfall totals generally between 1 and 2 inches renewed flash flooding, closing hundreds of roads once again, including several main thoroughfares, from Baltimore City to Frederick Co. No additional evacuations were necessary.

Dozens of homes in Frederick Co had flooded basements once again, but flood waters were slowly receding on county farms. Numerous roads were closed once again.

St. Mary'S County Lexington Park

20	1130EST	0	0	5K		Flash Flood
	1230EST					

High standing water was reported on several roadways in the area. Over three inches of rain fell in less than 2 hours just over the line in neighboring Calvert Co.

Prince George'S County Bowie

20	1220EST	0	0	10K		Flash Flood
	1250EST					

High standing water was reported along state route 450, especially at the main intersections of Martha's Choice Circle, Bell Station Road, and state route 193. A foot of water flooded the highway near the Free State and Market Place shopping centers. Low-lying neighborhood streets reportedly had water, wood, and gravel running along them during the height of the storm.

Calvert County Prince Frederick

20	1250EST	0	0			Flash Flood
	1330EST					

High standing water flooded the intersection of Sandy Point and Norwood Road in Prince Frederick. A postal van became trapped, and a local resident had to rescue the driver.

Washington County 4 W Hagerstown

20	1815EST	0	0			Flash Flood
	1845EST					

Federal highway 40 was closed due to high water from earlier torrential rains.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
MARYLAND, Central									
Montgomery County Glen Echo	20	2150EST			0	0	5K		Thunderstorm Wind
A rapidly developing thunderstorm knocked down several trees and large limbs in Glen Echo.									
Montgomery County Glen Echo	20	2200EST 2245EST			0	0	15K		Flash Flood
Associated torrential rains with a rapidly developing thunderstorm flooded the intersection of Goldsboro Road and Massachusetts Ave, washing out a portion of the intersection.									
Allegany County Countywide	24	1145EST 1200EST			0	0	20K		Thunderstorm Wind
Thunderstorm winds blew down trees and limbs across the county.									
Carroll County Taneytown	24	1315EST			0	0	5K		Thunderstorm Wind
A localized severe thunderstorm blew down scattered trees and large limbs in and north of Taneytown.									
Montgomery County Potomac to Bethesda	24	1555EST 1610EST			0	0	350K		Thunderstorm Wind
Along the northeastern portion of a heavy precipitation supercell which as simultaneously producing a tornado in Fairfax Co Virginia, downburst winds knocked down hundreds of trees, limbs, and power lines from Potomac through Bethesda. Dozens of tree-lined streets in Bethesda were closed for removal of downed large limbs and snapped trees, some which fell onto homes and vehicles. An automobile dealership in Bethesda had a portion of it's roof ripped off.									
Washington County Hancock to Clear Spg	24	1605EST 1615EST			0	0	20K		Thunderstorm Wind
A second line of strong to severe thunderstorms formed along a surface trough. In western Washington Co, thunderstorm winds blew down trees from Hancock to Clear Spring.									
Montgomery County Bethesda to Silver Spg	24	1610EST 1625EST			0	0	150K		Thunderstorm Wind
The downburst which ripped Bethesda moments earlier continued through the southeastern quarter of the county. The damage lessened as the storm moved through Kensington and near the Silver Spring business district. County officials estimated a total of \$250 thousand damage to trees and power lines alone during the event from Potomac to Silver Spring.									
Prince George'S County Oxon Hill to Andrews Afb	24	1620EST 1625EST			0	0	1.3M		Thunderstorm Wind (G66)
A rapidly moving bow-echo produced widespread tree, power line, and minor structural damage from Oxon Hill through Andrews AFB. A wind gust of 79 mph struck the base at 1622EST. Several trees fell onto homes and vehicles; at least one home was split in half by fallen large oaks. Other homes had roof damage from fallen trees, and a few cyclone fences were damaged or destroyed. The winds also caused minor structural damage, mainly to shingles, gutters, and siding.									
Prince George'S County 2 E Andrews Afb to 3 E Andrews Afb	24	1623EST 1624EST	1	50	0	0	200K		Tornado (F0)
The same bow-echo that struck Oxon Hill moments earlier spawned a gustnado in a residential area just east of Andrews AFB. Damage included 30 uprooted or snapped trees, including two onto homes and two others onto automobiles.									
Prince George'S County Bowie	24	1631EST 1636EST			0	0	40K		Thunderstorm Wind
Downburst damage also occurred in Bowie, where several trees and power lines were knocked down, with at least one onto a vehicle and one onto a home. Passengers in the vehicle were taken to the hospital for evaluation, but no injuries were reported. Lightning also struck several trees in the area.									
Prince George'S County 1 NW Upper Marlboro to 2 SE Upper Marlboro	24	1634EST 1639EST	4	200	0	0	500K		Tornado (F1)

Storm Data and Unusual Weather Phenomena

[illegible]

MARYLAND, Central

24	1800EST 1830EST	0	0	10K	Lightning
Two homes reported minimal damage to internal electrical systems after lightning strikes in the extreme southern portion of the county.					

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
MARYLAND, Central									
St. Mary'S County Oraville	24	1815EST 1830EST			0	0	20K		Lightning
Lightning struck a barn and a home in Oraville.									
Calvert County Drum Point	24	1815EST			0	0	25K		Thunderstorm Wind
Straight-line winds from a severe thunderstorm knocked down numerous trees and power lines near Drum Point.									
MARYLAND, Northeast									
Cecil County Frenchtown	04	1820EST			0	0			Hail (1.00)
Cecil County Northern	09	1630EST 1830EST			0	0			Flash Flood
Slow moving thunderstorms caused flash flooding of several streams (including the Mill Creek) and roadways in the northern half of Cecil County. Around three inches of rain fell mostly within one hour. Maryland State Route 7 was closed between Elkton and North East. U.S. Route 40 was also closed in North East. Several motorists were rescued from their vehicles. Within Elkton the hardest hit area was in the Foy Hill section.									
Cecil County Singerly	11	1300EST			0	0	10K		Lightning
A lightning strike caused \$10,000 damage to a house in Singerly. The lightning apparently hit a poplar tree about 20 feet from the house, traveled along the roots underground, "punched" a hole in the wall and melted the phones and electrical system within the house. No one was injured.									
Kent County Chestertown	12	1830EST			0	0			Thunderstorm Wind
A severe thunderstorm tore down wires in Chestertown.									
Talbot County Countywide	20	1400EST 1600EST			0	0			Flash Flood
Slow moving thunderstorms with torrential downpours caused flash flooding of streams and urban and poor drainage flooding in the western part of Caroline County and most of Talbot County. Nearly three inches of rain fell at Royal Oak and five inches was reported near Easton. Roads were closed for several hours around Easton. A 20 foot long portion of Black Dog Alley was washed away. A 10 foot by five foot crater was formed on another road. One woman had to be rescued from her stalled car. The Tanyard Branch Creek flooded in Western Caroline County. No serious injuries were reported.									
Caroline County Western	20	1400EST 1600EST			0	0			Flash Flood
Talbot County Cordova	24	1725EST			0	0			Thunderstorm Wind
A severe thunderstorm snapped poles and downed wires in Cordova.									
Queen Anne'S County Centreville	24	1730EST			0	0			Thunderstorm Wind
A severe thunderstorm tore down wires in Centreville.									
MARYLAND, South									
Wicomico County Salisbury	16	1300EST 1400EST			0	0			Urban/Sml Stream Fld
Two to two and one half inches of rain in one hour produced flooding of several streets and intersections in the city of Salisbury. The flooding was exacerbated due to backing up of water drainage systems.									
Dorchester County Cambridge	20	1315EST 1515EST			0	0			Urban/Sml Stream Fld
Three inches of rain in one hour produced flooding of several streets in the city of Cambridge.									
Somerset County Crisfield	24	1855EST			0	0	2K		Thunderstorm Wind
Several trees uprooted.									
MARYLAND, West									
Garrett County 2 S Oakland	08	1400EST 1800EST			0	0	6K		Flash Flood
Small streams and some basements were flooded south of Oakland in the Pleasant Valley area.									
Garrett County Swanton	11	1600EST			0	0	2K		Thunderstorm Wind
Thunderstorm winds downed trees in Swanton.									

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>MARYLAND, West</u>										
Garrett County Bloomington	11	1620EST			0	0	2K		Thunderstorm Wind	
									Thunderstorm winds downed trees in Bloomington.	
Garrett County Bloomington	11	1630EST 1700EST			0	0			Flash Flood	
									High flood waters covered Savage River Road near Bloomington after severe thunderstorms dumped very heavy rain.	
Garrett County Hoyes	14	1900EST 1930EST			0	0	1K		Flash Flood	
									Flash flooding led to mudslides onto sections of Route 42. Trees also slid down hillsides and onto the road.	
Garrett County 2 S Mc Henry	24	1500EST			0	1			Lightning	
									A man was struck by lightning and injured at Deep Creek Lake.	
Garrett County Kitzmiller	24	1500EST			0	0	1K		Lightning	
									A shed was struck by lightning and destroyed by fire.	
<u>MASSACHUSETTS, Central and East</u>										
Hampden County Westfield	08	1235EST			0	0			Hail (0.75)	
Hampden County West Springfield	08	1305EST			0	0			Hail (0.88)	
Hampden County West Springfield	08	1320EST			0	0			Hail (0.75)	
Hampden County Springfield	08	1330EST			0	0			Thunderstorm Wind (G50)	
									A severe thunderstorm caused large hail and gusty winds. Dime to nickel size hail fell in Westfield and West Springfield, according to numerous spotter reports. Wind damage was reported in Springfield and Chicopee, where trees were reported blown down. A peak wind gust to 45 mph was recorded in downtown Springfield. According to one report, fifty trees were blown down. There were reports of trees falling on parked autos. Several houses were struck by falling trees. Electric power was disrupted for up to 5,800 customers at the height of the storm.	
Worcester County Shrewsbury	08	1400EST			0	3			Lightning	
Worcester County Shrewsbury	08	1400EST			0	0			Urban/Sml Stream Fld	
									Three people were injured by a lightning strike. Three houses were struck by lightning and very heavy rainfall flooded roads. Severe street flooding was reported at three locations and Route 9 was closed by three feet of water across the roadway.	
Worcester County Northboro	08	1410EST			0	2			Lightning	
									Two women were struck by lightning at a local pond. One was in the water and the other had just stepped out when the lightning struck. Both were kept overnight at a local hospital and one of the women remained hospitalized for a day.	
Norfolk County Bellingham	08	1435EST			0	0			Hail (0.75)	
									Dime size hail was reported by the local police department.	
Norfolk County Norfolk	08	1500EST			0	7			Lightning	
									Lightning struck a well system in the backyard of a home as many people gathered during an outdoor wedding reception. Sixteen people were hit by the lightning and seven were transported to the hospital. One person was held for observation. Elsewhere in town, four houses and a barn were hit by lightning.	
Norfolk County Foxboro	08	1520EST			0	0			Hail (0.75)	
Franklin County Erving to Deerfield/Northfield	08	1830EST			0	0			Urban/Sml Stream Fld	
Hampden County Chester to Chesterfield	08	1836EST			0	0			Urban/Sml Stream Fld	
Franklin County Leverett	08	1840EST			0	0			Flash Flood	
									Heavy rain accompanied thunderstorms in Franklin and Hampden Counties and roads were reported flooded in Erving, Deerfield, and Northfield. Major flooding and road washouts were reported in Leverett after the Sawmill River and Roaring Brook went over their banks. In Hampden County, flooding was reported in Chester and Chesterfield.	
Franklin County Ashfield	13	1447EST			0	0			Thunderstorm Wind (G50)	
Franklin County Ashfield	13	1515EST			0	0			Flash Flood	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
MASSACHUSETTS, Central and East									
Franklin County									
Greenfield	13	1600EST			0	0			Urban/Sml Stream Fld
Franklin County									
Deerfield to Whately	13	1625EST			0	0			Thunderstorm Wind (G50)
Franklin County									
Whately to Other Nearby Towns	13	1625EST 1630EST			0	0			Urban/Sml Stream Fld
Thunderstorms brought torrential rain and gusty winds to several towns in western and central Franklin County. There were many reports of trees and power lines blown down in Ashfield, Deerfield, Greenfield, and Whately. A flash flood occurred in Ashfield, where washouts were reported on Route 116 and Creamery Road. Street flooding was reported in Greenfield. Flooding in Millers Falls closed Route 63 in the downtown area. Mudslides and flooding damaged the Ashfield Inn, the Greenfield Senior Citizens Center, and several homes in Greenfield. Electric power was knocked out to 5,800 homes and businesses in Greenfield, Ashfield, and other communities near the Massachusetts-Vermont border.									
Franklin County									
Leverett	13	1700EST			0	0			Hail (1.00)
Franklin County									
Leverett to Montague	13	1730EST			0	0	1.8M		Flash Flood
Thunderstorms with torrential downpours produced a flash flood, which resulted in the worst flooding in 100 years of records on the Sawmill River. All but one access road into the town of Leverett was washed out. The Spaulding Brook experienced its worst flooding in recent memory. A site survey was conducted by the National Weather Service on June 14th. More than 30 miles of roadway in southern Montague and Leverett were destroyed. Numerous homes and businesses experienced some degree of flood damage. The most significant damage was in Leverett along the confluence of the Spaulding Brook and Sawmill Creek, where a two-lane bridge, approximately 200 feet long, was destroyed, leaving a 50-foot canyon in its place. This event has been estimated as at least a 100-year event for southern Montague and a 500-year event for the Sawmill River and Spaulding Brook. The Massachusetts Emergency Management Agency has estimated damage from this flood at close to \$2 million. Local residents who have lived in the area for many years said this was the worst flooding they had witnessed since the Great New England Hurricane of 1938. A few thought that it exceeded even that historical flood event.									
Hampshire County									
Belchertown	13	1835EST			0	0			Thunderstorm Wind (G50)
Worcester County									
West Brookfield	13	1840EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees in Belchertown in Hampshire County and in West Brookfield in Worcester County.									
MASSACHUSETTS, West									
Berkshire County									
Pittsfield	08	1645EST			0	0	3K		Hail (1.75)
Berkshire County									
Pittsfield/Sheffield	08	1700EST 1900EST			0	0	150K		Flash Flood
Berkshire County									
Pittsfield	08	1705EST			0	0	1K		Thunderstorm Wind
A stationary front which stretched from eastern New York east across Berkshire County Massachusetts became the focus for severe thunderstorms and flash flooding over Berkshire County on June 8. In Pittsfield severe thunderstorms produced one and three quarter inch hail and large limbs were downed by the wind. Training echoes caused flash flooding in several parts of the county during the evening hours. At Dalton and Pittsfield, in the central part of the county, roads were flooded. At Sheffield, in the southern part of the county, major road flooding occurred.									
MICHIGAN, East									
Genesee County									
4 SW Flint	07	1715EST	0.1	10	0	0			Tornado (F0)
FAA personnel reported that a tornado briefly touched down 1 1/2 miles southeast of the runway at Flint's Bishop Airport. No damage was reported.									
Oakland County									
Novi	12	1115EST	0.2	20	0	0	2K		Tornado (F0)
A tornado touched down briefly at a construction site at Ten Mile Road and Taft Road, in Novi. The tornado knocked a trailer off of its foundation. Several windows were blown out, and construction materials were strewn throughout the subdivision.									
MIZ061	Genesee								
	18	0100EST			0	0			Flood
	20	0400EST							
The Kearsley Creek at Davison went above its 8.0 foot flood stage at 2 am EDT on the 18th. The river crested at 10.1 feet at 10 pm EDT on the 18th, and fell back below flood stage at 5 am EDT on the 20th.									
MIZ061	Genesee								
	18	0900EST			0	0			Flood
	19	1100EST							
The Flint River at Flint went above its 11.0 foot flood stage at 10 am EDT on the 18th. The river crested at 12.2 feet at 7 pm EDT on the 18th, and fell below flood stage at noon EDT on the 19th.									

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
MICHIGAN, East										
Oakland County										
Countywide	18	1100EST			1	0	500K		Flash Flood	
		1800EST								
A series of heavy thunderstorms moved across Oakland county during the afternoon on the 18th, producing rainfall amounts of around 3 inches across much of the county. A 24-hour rainfall of 3.11 inches was recorded at the National Weather Service Forecast Office at White Lake. One man drowned in West Bloomfield Township when he drove his car across a flooded parking lot into a pond, which was obscured by the flood waters. Many basements and roads were flooded. M54VE										
MIZ076	Wayne									
	18	1600EST			0	0			Flood	
	20	0400EST								
The Middle Rouge River at Garden City went above its 7.0 foot flood stage at 5 pm EDT on the 18th. The river crested at 7.8 feet at 10 am EDT on the 19th, and went back below flood stage at 5 am EDT on the 20th.										
MIZ070	Macomb									
	18	2200EST			0	0			Flood	
	19	2200EST								
The Clinton river at Fraser went above its 16.0 foot flood stage at 11 pm EDT on the 18th. The river crested at 16.2 feet at 1 pm EDT on the 19th, then fell below flood stage at 10 pm on the 19th.										
MIZ053	Saginaw									
	19	0000EST			0	0			Flood	
	25	1300EST								
The Cass River at Frankenmuth went above its 17.0 foot flood stage at 1 am EDT on the 19th. The river crested at 20.7 feet at 1 pm EDT on the 20th, fell to near flood stage on the 21st, then went back to 22.3 feet at 9 pm on the 22d. The river finally went back below flood stage at 2 pm EDT on the 25th.										
MIZ054	Tuscola									
	19	0700EST			0	0			Flood	
	20	1500EST								
The Cass river at Vassar went above its 14.0 foot flood stage at 8 am EDT on the 19th. The river crested at 15.1 feet at 5 pm EDT on the 19th, then fell back below flood stage at 4 pm EDT on the 20th.										
MIZ082	Lenawee									
	19	0800EST			0	0			Flood	
	20	2200EST								
The River Raisin at Tecumseh went above its 9.0 foot flood stage at 9 am EDT on the 19th. The river crested at 9.5 feet at 6 pm on the 19th and fell below flood stage at 11 pm EDT on the 20th.										
MIZ047	Midland									
	19	0900EST			0	0			Flood	
	20	2200EST								
The Tittabawassee river at Midland went above its 24.0 foot flood stage at 10 am EDT on the 19th. The river crested at 25.0 feet at 11 pm EDT on the 19th, and fell back below flood stage at 11 pm on the 20th.										
MIZ082	Lenawee									
	19	1000EST			0	0			Flood	
	21	1000EST								
The River Raisin at Adrian went above its 11.0 foot flood stage at 11 am EDT on the 19th. The river crested at 11.7 feet at noon EDT on the 20th, and fell below flood stage at 11 am EDT on the 21st.										
MIZ076	Wayne									
	19	1100EST			0	0			Flood	
	20	0400EST								
The Rouge River at Detroit went above its 15.0 foot flood stage at noon EDT on the 19th. The river crested at 15.5 feet at 9 pm EDT on the 19th, then fell below flood stage at 5 am EDT on the 20th.										
MIZ082	Lenawee									
	19	1900EST			0	0			Flood	
	21	1000EST								
The River Raisin at Blissfield went above its 683.0 foot flood stage at 8 pm EDT on the 19th. The river crested at 683.5 feet at 8 pm EDT on the 20th, then went below flood stage at 11 am EDT on the 21st.										
MIZ053	Saginaw									
	21	1000EST			0	0			Flood	
	25	1100EST								
The Saginaw river at Saginaw reached its 19.0 foot flood stage at 11 am EDT on the 21st. The river remained near 19.0 feet until falling back below flood stage at noon EDT on the 25th.										
Low pressure tracked slowly from the central plains on the 17th, east across southern Michigan during the 18th and into the 19th. The heaviest rain across southeast Michigan occurred on the 18th, when radar estimates indicated widespread amounts of 1 to 4 inches. Official totals for the period from the 17th through the 18th included 0.94 inches at Detroit's metro airport, 1.94 inches at Flint, and 3.67 inches at the National Weather Service Forecast Office at White Lake. The result was widespread river flooding across southeast Michigan. The flooding continued the bad spring for area farmers with conditions approaching critical in many areas, as the wet weather continued to delay planting on some fields, while damaging crops on other fields.										
Midland County										
Countywide	21	2115EST			0	0	1M		Flash Flood	
	22	0000EST								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
MICHIGAN, East									
Bay County									
4 SW Bay City	21	2150EST			0	0	400K		Thunderstorm Wind (G75)
Bay County									
Srn 1/2 Of Co.	21 22	2200EST 0030EST			1	0	2.2M		Flash Flood
	M73VE								
Saginaw County									
Nrn 1/2 Of Co.	21 22	2200EST 0030EST			0	0	1M		Flash Flood
Saginaw County									
Frankenmuth	21	2202EST 2203EST	1	100	0	0	5M		Tornado (F3)
Genesee County									
Otisville	21	2235EST			0	0			Thunderstorm Wind (G70)
Lapeer County									
2 NE Columbiaville	21	2240EST			0	0			Thunderstorm Wind (G60)
Tuscola County									
1 S Vassar	21	2305EST			0	0			Thunderstorm Wind (G60)
Tuscola County									
Countywide	21 22	2315EST 0130EST			0	0	6.5M		Flash Flood
Lapeer County									
Nrn 1/2 Of Co.	21 22	2330EST 0230EST			0	0	5.8M		Flash Flood
St. Clair County									
10 NE Imlay City	21	2350EST	0.1	20	0	0	40K		Tornado (F1)
Lapeer County									
10 NE Imlay City	21	2350EST	0.1	20	0	0			Tornado (F1)
Genesee County									
3 N Otisville	22	0000EST			0	0			Thunderstorm Wind (G60)
Lapeer County									
8 N Lapeer	22	0000EST			0	0			Thunderstorm Wind (G60)
St. Clair County									
Yale	22	0000EST	0.2	30	0	0	25K		Tornado (F2)
St. Clair County									
Capac	22	0000EST			0	0			Thunderstorm Wind (G60)
Sanilac County									
Srn 1/2 Of Co.	22	0030EST 0300EST			0	0	800K		Flash Flood
St. Clair County									
6 W Port Huron	22	0033EST			0	0			Hail (0.75)
St. Clair County									
Nrn 1/2 Of Co.	22	0100EST 0300EST			0	0	2.5M		Flash Flood

Severe thunderstorms developed along a warm front across central lower Michigan during the evening on the 21st. The storms moved southeast across the Saginaw Valley and the thumb region during the period from late evening on the 21st through the early morning hours of the 22d. The result was an extremely damaging weather event, as flash flooding caused millions of dollars of damage to property, and 3 documented tornadoes touched down. The worst damage was done to the resort town of Frankenmuth, where an F3 tornado caused about 5 million dollars of damage. The tornado completely destroyed 4 houses, and damaged 130 others. Miraculously, no one was injured or killed. Elsewhere, tornadoes damaged homes in Lapeer and Saint Clair counties, and strong straight line winds uprooted trees in northern Genesee county, and did severe damage to a mobile home dealership in southern Bay county.

Flash flooding was widespread throughout the Saginaw Vally and the thumb region as well. In Bay county, an elderly man was killed when his car was swept from a bridge while he was attempting to cross the Kawkawlin river. Elsewhere, flooding did widespread damage to roads and houses. Particularly hard hit were the many farmers in the area. The preceding spring had been extremely wet, and flooding from this event continued to delay planting in some areas, while damaging or destroying crops in other areas. Dollar damage amounts were difficult to estimate until the growing season actually came to an end, but initial rough estimates placed total damage to crops in the area at several million dollars.

MIZ054

Tuscola

22 0400EST
24 0900EST

0 0

Flood

The Cass river at Vassar went above its 14.0 foot flood stage at 5 am EDT on the 22d. The river crested at 18.2 feet at 2 pm EDT on the 22d, and fell back below flood stage at 10 am EDT on the 24th.

MIZ061

Genesee

23 1900EST
26 2100EST

0 0

Flood

The Flint river at Flint went above its 11.00 foot flood stage at 8 pm EDT on the 23rd. The river crested at 14.1 feet at 5 pm EDT

Storm Data and Unusual Weather Phenomena

[illegible]

MICHIGAN, East on the 24th, and fell back below flood stage at 10 pm EDT on the 26th.

MICHIGAN, Extreme Southwest

NONE REPORTED.

MICHIGAN, North

Missaukee County					
Lucas	10	2025EST	0	0	Hail (0.88)

Lucas	10	2025EST	0	0	Hail (0.88)
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Missaukee County

Lucas	10	2030EST	0	0	Thunderstorm Wind (G55)
	60 to 65 mph wind gusts brought down tree limbs.				

Wexford County

Arenac County	12	2014-2015	0	0	75, 11, 11, 75
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Arenac County	13	2015007	0	0	XX 11 (1.75)
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MIZ041	Gladwin				
	19	0500EST	0	0	Flood

19 1100EST
Locally heavy rains totalling 2 to 4 inches fell across Gladwin

MIZ042 **Arenac**

19 1100EST
Locally heavy rains totalling 2 to 4 inches fell across Arapahoe county from the 17th into the 18th. These rains caused flooding on

MIZ041 **Gladwin**

19 1100EST
 I will be in the field collecting Oct 4 and 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31. The following is a list of the

MICHIGAN, Upper

NONE REPORTED.

MICHIGAN, West

1422EST
Tornado touched down briefly in an open field near Shoeman and Shoosmith Roads east of Lake Lansing in rural Ingham County.

Berrien County

10 0300EST
Three inches of rain fell over the New Bedford area between 0 and 10PM EST causing extensive flooding throughout the city. The

Cass County

10 0300EST
Rainfall of more than 1.5 inches by 1030 PM EST began to cause flooding of roads near Downsville. By 200 AM EST, rainfall

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>MICHIGAN, West</u>									
									and Union.
									At 1210 AM EST, a major road washout occurred at the intersection of Union Road and Chapel Hill Street.
Ottawa County									
Allendale	10	1830EST			0	0			Hail (1.75)
Kent County									
Ada	12	1430EST 1730EST			0	0			Flash Flood
									Street flooding occurred in numerous locations of southern Ada Township. Kent County Airport reported 1.89 inches of rainfall in a three hour period. The most intense rainfall was 1.5 inches during the first half of the period.
Isabella County									
Mt Pleasant	12	1745EST 1748EST			0	0			Hail (1.00)
									Small hail began at 535PM EST on the south side of Mt Pleasant on Mission Street. It continued for about 10 minutes and then increased to one inch diameter at 645PM EST.
Isabella County									
Mt Pleasant	12	1830EST 2200EST			0	0			Flash Flood
									Extensive flash flooding in and around Mt. Pleasant was the result of 1.82 inches of rainfall in 30 minutes with storm totals exceeding 2 inches. At one point parking lots had water 12 inches deep, several fields and ditches were flooded, and the shoulder of Crawford road was eroded. Some motor homes and campers were set afloat along Bloomfield road.
St. Joseph County									
Three Rivers to Mendon	17	1510EST 1600EST			0	0			Flash Flood
									Rainfall amounts over 2 inches were reported between Three Rivers and Mendon. Standing water 10 inches deep was reported in Three Rivers.
Hillsdale County									
Southwest	17	1600EST 1700EST			0	0	150K		Flash Flood
									Flash flooding from rains measured at over three inches caused road washouts and damage to culverts, bridges, and homes. A bridge along Ridge Drive was washed away. Many houses suffered water damage near Berry Lake.
Van Buren County									
South Haven to Kendall	17 18	1805EST 0600EST			0	0	8K		Flash Flood
									Extensive flash flooding was reported across the northern half of Van Buren county. Rainfall totals in the South Haven area were reported to be between 4 and 5 inches, and totals of 3 to 4 inches were common across the remainder of the affected area. Traffic on I-196, in one direction, was halted by flooding at the M43 overpass. Bangor had city drains overflowing. South Haven reported 20 residences with flooded basements. The intersection of 12th Avenue and 26th Street in Pinegrove Township, near Kendall, was washed away.
Kent County									
Northwest	17 18	2330EST 0600EST			0	0			Flash Flood
									A saturated area of northwest Kent County received 1.5 inches of rainfall in 1 hour to create extensive flash flooding conditions in the Kent City and Sparta areas. Totals for the 24 hour period ranged from 3 to 4 inches. Sewer backups and widespread street flooding was reported in Kent City. Three miles of Peach Ridge Road was flooded between 14 and 17 Mile Roads, and water covered numerous roads around Sparta. Flooding lead to evacuations in Sparta near intersections of Averill and Martindale, and State and Division.
Berrien County									
West Central	17 18	2330EST 0200EST			0	0			Flash Flood
									Rainfall estimated to be between 2 to 3 inches created flash flooding problems between Stevensville, Glendora, and Union Pier. The worst reported area was along Red Arrow Highway south of Bridgman.
Ottawa County									
Holland	18	1200EST 2200EST			0	0	100K		Flash Flood
									Previously rain soaked areas around Holland received several periods of heavy showers throughout the day. Between 11 AM and 1 PM nearly 3 inches of rain was received. The total for the day was 4.41 inches with 3.46 inches having fallen on the previous day.
									Numerous roads and streets were closed for a time, including US31 near Lincoln Avenue. Motorists were stranded in five feet deep water at this intersection. Dozens of homes and businesses were flooded. An 8 year old girl was swept into a culvert from a rush of water and was rescued more that 200 ft away with only minor cuts and bruises.
Osceola County									
Leroy	21	2015EST			0	0			Hail (1.75)
									This storm also produced a wind gust to 65 mph.
Isabella County									
3 E Weidman to 3 WNW Rosebush	21	2026EST 2135EST	4.4	80	0	0	500K		Tornado (F1)

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
<u>MICHIGAN, West</u>									
									Numerous large trees were downed. Three homes were damaged along with 4 barns destroyed, and numerous other outbuildings, silos, and farm machinery were damaged.
Osceola County Ashton to Evart	21	2045EST 2200EST			0	0			Flash Flood
									Flash flooding occurred between Ashton and Evart in Osceola County with water flowing across several roads.
Clare County Clare	21	2126EST 2300EST			0	0			Flash Flood
									Estimated rainfall up to 3 inches caused flash flooding in and around Clare. Several streets were impassable.
Montcalm County 5 E Stanton	21	2152EST			0	0			Thunderstorm Wind (G50)
									A tree was blown down east of Stanton.
Kent County 1.5 NE Cedar Springs	21	2251EST			0	0	1K		Thunderstorm Wind
									A 25 foot pine tree was downed along 19 mile road northeast of Cedar Springs along with damage to numerous other trees and minor roof damage to a residence.
<u>MINNESOTA, Central and South Central</u>									
Chippewa County 3 N Montevideo	05	1555CST			0	0			Hail (1.00)
Chippewa County Milan	05	1558CST			0	0			Hail (1.00)
Kandiyohi County New London	05	1610CST			0	0			Hail (0.75)
Kandiyohi County New London	05	1635CST			0	0			Hail (0.88)
Meeker County 3 N Litchfield	05	1648CST			0	0			Hail (1.75)
Meeker County Litchfield	05	1650CST			0	0			Hail (1.75)
Renville County Sacred Heart	05	1655CST			0	0			Hail (0.75)
Pope County Glenwood	05	1715CST			0	0			Funnel Cloud
Pope County Sedan	05	1720CST			0	0			Funnel Cloud
Yellow Medicine County 4 N Echo	05	1725CST			0	0			Funnel Cloud
Pope County 4 NW Glenwood	05	1730CST 1745CST			0	0			Hail (0.75)
Renville County Renville	05	1750CST			0	0			Hail (0.75)
Redwood County Redwood Falls	05	1815CST			0	0			Hail (0.75)
									Few trees and branches knocked down by gusty winds.
Sibley County Gaylord	05	1825CST			0	0			Funnel Cloud
Nicollet County 3 N Mankato	05	1910CST			0	0			Funnel Cloud
Blue Earth County Mankato	05	1925CST			0	0			Thunderstorm Wind (G52)
Nicollet County Mankato	05	1930CST			0	0			Thunderstorm Wind (G61)
Le Sueur County Montgomery	05	1940CST			0	0			Thunderstorm Wind (G52)
Martin County 2 NW Welcome	05	1945CST			0	0			Hail (0.75)
									Hail accumulated in drifts.
Rice County Morristown	05	1955CST			0	0			Thunderstorm Wind (G52)
Steele County Owatonna	05	2000CST			0	0			Thunderstorm Wind (G50)
									Few trees down. Estimated windspeed.

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
MINNESOTA, Central and South Central									
Faribault County 8 W Blue Earth to 8 S Blue Earth	05	2000CST 2005CST			0	0			Hail (1.00)
Freeborn County Hartland	05	2020CST			0	0			Thunderstorm Wind (G61)
Dodge County Claremont to West Concord	05	2025CST 2030CST			0	0			Thunderstorm Wind (G62)
	Trees and power lines down. Estimated windspeed.								
Carver County 2 SE Norwood	06	1215CST	0.1	50	0	0			Tornado (F0)
	Several outbuildings and a house rooftop damaged.								
Carver County 3 W Victoria	06	1220CST			0	0			Funnel Cloud
Carver County Chanhausen	06	1225CST			0	0			Funnel Cloud
	Air traffic controllers at local airport saw funnel dissipate.								
Mille Lacs County 2 W Page	06	1258CST			0	0			Hail (0.75)
Hennepin County Eden Prairie	06	1313CST			0	0			Funnel Cloud
Scott County 2 W Prior Lake	06	1320CST			0	0			Hail (0.75)
Hennepin County Hopkins	06	1345CST			0	1			Lightning
Hennepin County Minneapolis	06	1345CST			0	0			Lightning
	40 foot church bell tower struck by lightning. Flying debris punched a small hole in the sanctuary roof. Estimated time.								
Hennepin County New Hope	06	1350CST			0	0			Hail (1.75)
Kandiyohi County Willmar	06	1930CST			0	0			Funnel Cloud
Washington County Cottage Grove	12	1835CST			0	0			Thunderstorm Wind (G50)
	Power lines down. Estimated windspeed.								
Blue Earth County Mankato to North Mankato	16 17	2300CST 0500CST			0	0			Flash Flood
	Overnight heavy rainfall resulted in scattered mudslides in the Mankato area along with widespread street and basement flooding. Highway 169 two miles north of Mankato closed due to mudslide. Widespread crop damage in rural areas...estimated at \$6.4 million. Total damage to southern Nicollet and northern Blue Earth counties exceeding \$20 million. Mankato received almost 6 inches with the heaviest occurring Sunday night. An observer in Belgrade township reported 9.5 inches over the weekend.								
Blue Earth County Lehillier	17	0540CST			0	0			Mudslide
	Overnight heavy rains resulted in mudslide which pushed a house off its foundation.								
Kandiyohi County 5 N Atwater	21	0938CST			0	0			Thunderstorm Wind (G70)
	House destroyed on Diamond Lake. Damage to 25 other homes. Docks and boats also damaged. Estimated windspeed.								
Scott County Lydia	29	1245CST			0	0			Thunderstorm Wind (G60)
	Sheds damaged. Trees and power poles down. Estimated windspeed.								
Dakota County 2 N Farmington	29	1306CST			0	0			Thunderstorm Wind (G60)
	Many trees down. Estimated windspeed.								
Dakota County 2 NW Vermillion	29	1315CST			0	0			Thunderstorm Wind (G65)
	Farm heavily damaged. Estimated windspeed.								
Dakota County Hastings	29	1325CST			0	0			Thunderstorm Wind (G70)
	Extensive structural damage confined to southern portion of town. Numerous mobile homes and garages destroyed or damaged. Counter top manufacturer warehouse lost west wall adding up to \$1 million dollars damage. Estimated windspeed.								

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Damage Property	Crops	Character of Storm
<u>MINNESOTA, Central and South Central</u>									
Dakota County 3 S Hastings	29	1325CST			0	0			Thunderstorm Wind (G65)
			Irrigating sprinkles blown over. Power poles down. Estimated windspeed.						
Dakota County Hastings	29	1328CST			0	0			Hail (0.75)
Goodhue County 10 NW Red Wing	29	1335CST			0	0			Thunderstorm Wind (G60)
			Tree snapped in half. Many six inch tree limbs down. Estimated windspeed.						
Steele County Merton	29	1450CST			0	0			Hail (0.75)
			Strong winds also uprooted trees.						
Stevens County 2 W Donnelly	29	1502CST			0	0			Thunderstorm Wind (G56)
Stevens County 2 W Donnelly	29	1502CST			0	0			Hail (0.75)
Dodge County West Concord	29	1512CST			0	0			Hail (1.75)
Olmsted County Oronoco	29	1527CST			0	0			Hail (2.75)
			Winds also estimated at 50 mph.						
Douglas County 9 SW Alexandria	29	1533CST			0	0			Hail (1.75)
Houston County Caledonia	29	1620CST			0	0			Thunderstorm Wind (G50)
			Trees down. Estimated windspeed.						
<u>MINNESOTA, Northeast</u>									
Pine County Finlayson	02	1153CST			0	0			Hail (0.75)
Pine County Askov	02	1221CST			0	0			Hail (0.75)
St. Louis County Embarrass	12	1330CST			0	0			Hail (0.75)
Itasca County 1 N Max	25	1655CST			0	0			Hail (0.75)
Itasca County Squaw Lake	25	1723CST			0	0			Hail (1.00)
Itasca County Keewatin	25	1825CST			0	0			Lightning
			Lightning struck a house, blowing a three-foot hole in the roof and starting a fire.						
Itasca County Zim	25	1825CST			0	0			Lightning
			Several trees were struck by lightning and knocked down.						
St. Louis County Hibbing	25	2340CST			0	0			Hail (1.00)
St. Louis County Eveleth	26	1638CST			0	0			Hail (1.00)
Itasca County Max	28	1350CST			0	0			Thunderstorm Wind (G50)
			Many trees and branches were blown down across roads. Wind speed is estimated.						
Cass County Bena	28	1550CST			0	0			Thunderstorm Wind (G70)
			Large pine trees were blown down across roads. Boats were lifted out of the water and boat lifts were tipped over. Wind speed is estimated.						
Cook County 38 NW Grand Marais	28	1645CST			0	0			Thunderstorm Wind (G50)
			Several large trees were blown down at Seagull Creek Fishing Camp on Seagull Lake in the Boundary Waters Canoe Area Wilderness. Wind speed is estimated.						
Cook County 32 NW Grand Marais	28	1755CST			0	0			Thunderstorm Wind (G55)
			Many trees and power lines were blown down along the Gun Flint Trail, causing power outages. Wind speed is estimated.						
Lake County 16 E Ely	28	1800CST			1	0			Lightning
			A 25 year old man was struck and killed by lightning while camping in the Boundary Waters Canoe Area Wilderness. The victim						

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
<u>MINNESOTA, Northeast</u>									
was an instructor for the Voyageur Outward Bound School. Another man was knocked unconscious. The incident occurred at a camp site near the Lake One Dam on the Kawishiwi River. M25CA									
Cass County Bena	29	1512CST			0	0			Thunderstorm Wind (G50)
Many large branches were blown down. Wind speed is estimated.									
Crow Wing County Pequot Lakes	29	1521CST			0	0			Thunderstorm Wind (G60)
Large trees were blown down and boats were tipped over. Wind speed is estimated.									
Cass County Lake Shore	29	1530CST			0	0			Thunderstorm Wind (G50)
Large trees were blown down. Wind speed is estimated.									
Cass County Pine River	29	1530CST			0	0			Thunderstorm Wind (G50)
Large trees were blown down. Wind speed is estimated.									
Cass County Backus	29	1530CST			0	0			Thunderstorm Wind (G70)
The roof was torn off a house. Wind speed is estimated.									
Itasca County Ball Club	29	1535CST			0	0			Thunderstorm Wind (G50)
Large trees were blown down. Wind speed is estimated.									
Crow Wing County Merrifield	29	1550CST			0	0			Thunderstorm Wind (G60)
Two sailboats were tipped over on Lake Edwards. Wind speed is estimated.									
Crow Wing County Brainerd	29	1550CST			0	0	19K		Thunderstorm Wind (G55)
The Salvation Army Community Center suffered extensive damage when strong thunderstorm winds knocked down the entire facade on the east side of the building, blocking the front entrance. The wind speed is estimated.									
Itasca County Grand Rapids	29	1605CST			0	0			Thunderstorm Wind (G70)
Many trees up to 15 inches in diameter and some power lines were blown down. Wind speed is estimated.									
Aitkin County Malmo	29	1616CST			0	0			Thunderstorm Wind (G55)
Large trees were blown down, one on top of a house. Wind speed is estimated.									
St. Louis County Nett Lake	29	1625CST			0	0			Thunderstorm Wind (G60)
Power and telephone lines were blown down. Wind speed is estimated.									
St. Louis County Lake Vermillion	29	1640CST			0	0			Thunderstorm Wind (G61)
Carlton County Barnum	29	1700CST			0	0			Thunderstorm Wind (G55)
Several trees were blown down. One large tree landed on top of a cabin. Wind speed is estimated.									
St. Louis County Hermantown	29	1705CST			0	0			Thunderstorm Wind (G50)
Tree limbs up to 8 inches in diameter were blown down. Wind speed is estimated.									
<u>MINNESOTA, Northwest</u>									
Clearwater County 15 N Clearbrook	02	1334CST			0	0			Hail (0.75)
Clay County 15 N Moorhead	05	1512CST			0	0			Hail (1.50)
Clay County 20 NE Moorhead	05	1515CST			0	0			Hail (1.50)
Clay County 2 E Hitterdal to 3 E Hitterdal	05	1605CST 1608CST	5	100	0	0	250K	50K	Tornado (F2)
Extensive damage to farm.									
Clay County 6 E Ulen	05	1610CST			0	0			Hail (0.75)
Becker County Lake Park	05	1615CST 1617CST	2	90	0	0	50K	50K	Tornado (F1)
Becker County 7.5 N Detroit Lakes	05	1656CST			0	0			Hail (1.00)
Becker County Tamerac Refuge	05	1732CST			0	0			Hail (1.00)
Hail covered the ground.									

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>MINNESOTA, Northwest</u>										
Becker County 5 SE Detroit Lakes	05	1752CST			0	0	10K	10K	Hail (1.50)	
Becker County 3 E Wolf Lake	05	1816CST			0	0	10K	10K	Hail (1.50)	
Becker County 3 E Wolf Lake	05	1830CST			0	0	10K	10K	Hail (1.75)	
Polk County 6 N East Grand Forks	05	1830CST			0	0			Hail (1.00)	
Becker County Wolf Lake	05	1837CST			0	0			Hail (1.25)	
Becker County 20 W Menahga	05	1840CST			0	0			Hail (1.00)	
Polk County 5 N East Grand Forks	05	1840CST			0	0			Hail (1.00)	
Wadena County 5 SW Menahga	05	1846CST			0	0	10K	10K	Hail (1.00)	
Hail covered the ground to a depth of 6 inches.										
Polk County Fisher	05	1856CST	1	25	0	0	0	0	Tornado (F0)	
Polk County 2 W Fisher	05	1905CST	0.5	20	0	0	0	0	Tornado (F0)	
Polk County Crookston	05	1946CST			0	0			Hail (0.75)	
Polk County Erskine	05	2015CST			0	0			Hail (0.75)	
Wilkin County Rothsay	05	2300CST			0	0			Hail (1.00)	
Otter Tail County Parkers Prairie	06	0032CST			0	0			Hail (1.00)	
Clay County Rollag	25	1000CST			0	0			Hail (1.00)	
Clearwater County Bagley	25	1500CST			0	0			Hail (0.75)	
Clearwater County Shevlin	25	1528CST			0	0			Hail (0.75)	
Beltrami County 14 NW Bemidji	25	1535CST			0	0			Hail (0.75)	
Beltrami County Thorhult	25	1610CST			0	0			Hail (0.75)	
Beltrami County 10 N Bemidji	25	1610CST			0	0			Hail (0.75)	
Beltrami County Turtle River	25	1630CST			0	0			Hail (0.75)	
Kittson County Hallock	28	2152CST			0	0			Thunderstorm Wind (G51)	
<u>MINNESOTA, Southeast</u>										
NONE REPORTED.										
<u>MINNESOTA, Southwest</u>										
Lyon County Florence	05	1730CST			0	0			Hail (1.75)	
Lyon County Balaton	05	1740CST			0	0			Hail (0.75)	
Murray County Lake Wilson to Slayton	16 17	2100CST 0200CST			0	0	20K		Heavy Rain	
Heavy rain estimated at 5 inches flooded roads and basements. Much of Minnesota highway 30 between Lake Wilson and Slayton was covered with water. Some vehicles stalled or hydroplaned into ditches during attempts to cross the flooded areas.										
Pipestone County 4.5 W Pipestone	19	1450CST 1500CST			0	0	10K	100K	Hail (1.75)	
Hail destroyed crops and broke windows. The hail accumulated up to a foot in ditches.										
Nobles County Leota	19	1534CST			0	0			Hail (1.00)	
Rock County 4 NW Kenneth	19	1540CST			0	0			Hail (1.75)	

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Damage Crops	Character of Storm
<u>MINNESOTA, Southwest</u>									
Hail covered the ground.									
Nobles County Lismore	19	1630CST 1640CST			0	0			Hail (0.75)
Nobles County 2 N Adrian to Adrian	19	1630CST 1700CST			0	0	500K	500K	Hail (4.50)
Hail damaged buildings and cars, broke windows, and damaged crops.									
Rock County 5 N Magnolia	19	1634CST			0	0			Hail (0.75)
Nobles County 2 N Adrian	19	1645CST			0	0	50K		Thunderstorm Wind (G62)
Thunderstorm winds damaged trees and buildings.									
Nobles County Rushmore	19	1645CST			0	0			Hail (1.00)
Rock County 3 W Magnolia	19	1710CST			0	0			Hail (0.75)
Nobles County 3 SE Ellsworth	19	1806CST			0	0			Hail (1.00)
Nobles County Bigelow	19	1824CST			0	0			Hail (1.00)
Nobles County Adrian	20	1626CST			0	0			Hail (0.75)
<u>MINNESOTA, West</u>									
NONE REPORTED.									
<u>MINNESOTA, West Central</u>									
NONE REPORTED.									
<u>MISSISSIPPI, Central</u>									
Yazoo County 1 N Yazoo City	01	1830CST			0	0	5K		Thunderstorm Wind
Two houses had mionr roof damage from thunderstorm wind.									
Hinds County Jackson	01	1905CST			0	0	1.2M		Thunderstorm Wind (G85)
A six hundered foot tower was blown down in southwest Jackson. This tower held the antennea for the Jackson NOAA Weather Radio. The roofs of several buildings were peeled off. A large air conditioning unit was blown off the roof of a building. Several cars were overturned and had the windows blown out. Winds were estimated to be near 100 mph.									
Hinds County Jackson	01	1915CST			0	0	100K		Hail (2.75)
Baseball size hail broke out the windows of at least 25 automobiles and the windows of a K-Mart in southwest Jackson.									
Rankin County 2 W Brandon to Brandon	01	1930CST			0	0	10K		Thunderstorm Wind
Several trees were blown down. One tree fell on a house.									
Neshoba County 6 S Philadelphia	07	1545CST			0	0	50K		Thunderstorm Wind
Three barns were destroyed. Two homes and one mobile home had minor damage. Four roads were blocked by blown down trees and power lines.									
Neshoba County Philadelphia	07	1623CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down thoughout Neshoba county.									
Kemper County 4 W De Kalb	07	1637CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
Marion County 3 NE Goss	07	1715CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
Clarke County Quitman	07	1726CST			0	0			Hail (0.88)
Oktibbeha County Starkville	08	1245CST			0	0			Hail (1.00)
Sunflower County Drew	08	1250CST			0	0			Thunderstorm Wind (G52)
Former Civil Defense director reported 60 mph winds.									

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
MISSISSIPPI, Central									
Leflore County									
Minter City	08	1325CST			0	0			Hail (0.88)
Leflore County									
4 E Money	08	1730CST			0	0			Hail (0.88)
Grenada County									
Holcomb	12	0300CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down.									
Covington County									
Collins	13	1425CST			0	0			Hail (0.88)
Forrest County									
Hattiesburg	13	1430CST			1	0			Lightning
A National Guard sargent was killed when lightning deflected off a tree and struck him while loading a truck. M29EQ									
Washington County									
Hollandale	18	1535CST			0	0			Hail (0.75)
Winston County									
Noxapater	19	1830CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
MISSISSIPPI, North									
Lowndes County									
(Cbm)Columbus Afb	03	1650CST 1655CST			0	0	0		Thunderstorm Wind (G51)
Tallahatchie County									
Cascilla	08	1600CST 1610CST			0	0	5K	50K	Hail (2.75)
At least 200 acres of crops were destroyed by the hail.									
Lee County									
Saltillo	11	1110CST 1115CST			0	0	1K		Thunderstorm Wind
Several power lines were knocked down.									
Itawamba County									
3 W Fulton	11	1130CST 1135CST			0	0	1K		Thunderstorm Wind
A telephone pole was snapped.									
Tishomingo County									
Tishomingo	11	1511CST 1516CST			0	0	0.50K		Hail (1.75)
Chickasaw County									
Houston	12	0430CST 0435CST			0	0	5K		Lightning
A house was damaged by a fire started by lightning.									
MISSISSIPPI, South									
Pike County									
Mc Comb	02	0915CST			0	0	5K	0	Thunderstorm Wind
Thunderstorm wind gusts toppled two trees onto a house									
Pike County									
3 S Magnolia	02	0950CST			0	0	0.50K	0	Thunderstorm Wind
Five trees were blown down along Interstate Highway 55.									
Pearl River County									
10 S Poplarville	02	1040CST			0	0	0.10K	0	Thunderstorm Wind
Several trees were reported blown down.									
Harrison County									
5 N Gulfport to 2 N Gulfport	03	1610CST 1615CST			0	0	0	0	Hail (0.88)
Several reports of nickel sized hail were reported north of Gulfport.									
Jackson County									
Escatawpa	07	0415CST			0	0	100K	0	Lightning
A lightning strike started a fire which destroyed a house.									
Hancock County									
5 NE Santa Rosa	12	1415CST			0	0	0	0	Hail (1.00)
One inch sized hail was reported by the Sheriffs Office.									
Amite County									
2 NW Liberty	22	1630CST			0	0	0.10K	0	Thunderstorm Wind
Several trees were blown down by thunderstorm wind gusts.									

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
MISSISSIPPI, Southeast									
Wayne County Denham	13	1500CST			0	0	1.5K		Thunderstorm Wind (G50) SEVERAL TREES AND POWER LINES WERE BLOWN DOWN ALONG COUNTY ROAD 58 NEAR DENHAM.
Stone County Wiggins	22	1455CST			0	5	100K		Thunderstorm Wind (G45) WIND GUSTS OF AROUND 50 MPH BLEW THE ROOF OFF OF A GREERS GROCERY STORE IN WIGGINS. THE ROOF WAS BLOWN INTO THE PARKING LOT AND DAMAGED SEVERAL VEHICLES. IT APPEARED THAT THE WIND GOT UP UNDER PART OF THE ROOF THAT WAS NEVER FINISHED WHEN A NEW ROOF WAS PUT ON A COUPLE OF YEARS AGO. THE WIND JUST PICKED THE ROOF UP AND PUT IT IN THE PARKING LOT. NOTHING ELSE WAS DAMAGED IN THE AREA. FIVE PEOPLE SUFFERED MINOR INJURIES.
MISSOURI, East									
Boone County Harrisburg	02	1910CST			0	0			Hail (0.75)
Boone County Hinton	02	1922CST			0	0			Hail (0.75) Penney size hail was reported near Highway 63.
Lincoln County Troy	02	2020CST			0	0			Hail (1.75) Golf-ball size hail was reported in Troy.
Shelby County .5 E Bethel	05	2020CST			0	0	5K		Thunderstorm Wind (G51) Thunderstorm wind gusts downed a 70 foot oak tree which fell on a house along Route J east of Bethel. The roof and two chimneys were heavily damaged.
Monroe County Monroe City	05	2048CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed trees in Monroe City.
Ralls County New London	05	2110CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed power lines.
Marion County Hannibal	05	2125CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed a tree near Route T.
Monroe County Woodlawn	07	0025CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed trees in Woodlawn.
St. Louis County Town And Country	10	1735CST	0	25	0	0			Tornado (F0) Skywarn spotters reported a brief tornado touchdown near Interstate 64 and Mason Road.
Lincoln County New Hope	12	1422CST			0	0			Hail (1.75) The public reported golf-ball size hail.
Lincoln County New Hope	12	1422CST			0	0			Thunderstorm Wind (G51) The public reported trees down from thunderstorm wind gusts.
Lincoln County 2 W Winfield	12	1440CST			0	0			Hail (0.75) The county sheriff reported 3/4 inch hail near Winfield.
Lincoln County Old Monroe	12	1450CST			0	0			Hail (0.75) An amateur radio spotter reported 3/4 inch hail.
St. Charles County O Fallon	12	1515CST			0	0			Hail (1.75) Amateur radio spotters reported golf-ball size hail in O'Fallon.
St. Charles County O Fallon	12	1522CST			0	0			Hail (1.75) Amateur radio spotters reported golf-ball size hail at Highway K and Highway 40.
St. Charles County Weldon Spg	12	1522CST			0	0			Thunderstorm Wind (G52) Several large trees were downed by thunderstorm wind gusts in the Missouri Research Park.
St. Charles County St Peters	12	1523CST			0	0			Hail (0.75) Amateur radio spotters reported 3/4 inch hail at Mid Rivers Drive and Highway 94.
St. Charles County Cottleville	12	1529CST			0	0			Hail (0.75) Amateur radio spotters reported that 3/4 inch hail covered the ground.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, East									
St. Charles County Weldon Spg	12	1530CST			0	0			Thunderstorm Wind (G51)
St. Charles County Weldon Spg	12	1530CST			0	0			Hail (0.75)
									Thunderstorm winds gusted to 60 mph and 3/4 inch hail fell at the National Weather Service office in Weldon Spring.
St. Charles County 2 S St Peters	12	1535CST			0	0			Hail (0.75)
									Amateur radio spotters reported that 3/4 inch hail nearly covered the ground.
St. Louis County Chesterfield	12	1540CST			0	0			Thunderstorm Wind (G51)
									Amateur radio spotters reported thunderstorm wind gusts downed power lines along Long Road.
St. Louis County Manchester	12	1555CST			0	0			Thunderstorm Wind (G51)
									Amateur radio spotters reported power lines down along Manchester Road.
St. Louis County Chesterfield	12	1555CST			0	0			Thunderstorm Wind (G51)
									Amateur radio spotters reported trees and power lines down. A small fire started from the downed lines.
Ste. Genevieve (C) Bloomsdale	12	1735CST			0	0			Thunderstorm Wind (G51)
									Thunderstorm winds downed trees blocking some roads.
MOZ064	St. Louis (C)								
	18	0000CST			0	0			Excessive Heat
	25	2300CST							
									High temperatures running in the lower to middle 90s caused 11 people to be treated for heat related illnesses in the city of St. Louis from June 18 - 24. Two people were admitted for overnight stays while the rest were treated and released.
MOZ064	St. Louis (C)								
	22	1200CST			1	0			Excessive Heat
		1800CST							
									A 61 year old man died of heat related causes. M61PH
Ralls County Rensselaer	23	2050CST			0	0			Thunderstorm Wind (G51)
									Thunderstorm wind gusts downed trees and caused power outages across much of extreme north Ralls County. Trees down and power outages were reported from Monroe City east across the county to just south of Hannibal.
Marion County Hannibal	23	2100CST			0	0			Thunderstorm Wind (G51)
									Thunderstorm wind gusts downed trees and power lines in Hannibal. Several trees were blown down on Broadway and Chestnut streets. Downed limbs caused power and cable television outages.
MOZ064	St. Louis (C)								
	30	1200CST			1	0			Excessive Heat
		1800CST							
									An 81 year old woman died of heat related causes. The date of death was estimated. F81PH
MISSOURI, Lower									
Pemiscot County Caruthersville	12	1925CST			0	0	0.10K		Hail (1.00)
		1930CST							
MISSOURI, Northwest									
MOZ002	Nodaway								
	01	0000CST			0	0			Flood
		2359CST							
									102 River Maryville, MO
									Flood Stage 14 ft Above Flood Stage 6/1 Crest Falling from 14.4 ft on 5/31
MOZ020	Buchanan								
	01	0000CST			0	0			Flood
	03	2359CST							
									Platte River Agency, MO
									Flood Stage 20 ft Above Flood Stage 6/1 to 6/3 Crest 24.94 ft on 6/2

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
MOZ023	Livingston	01 0000CST			0	0			Flood
	03 2359CST								
	Grand River								
	Chillicothe, MO								
	Flood Stage	24 ft							
	Above Flood Stage	6/1 to 6/3							
	Crest	26.7 ft on 6/3							
MOZ054	Henry	01 0000CST			0	0			Flood
	02 2359CST								
	South Grand River								
	Urich, MO								
	Flood Stage	24 ft							
	Above Flood Stage	6/1 to 6/2							
	Crest	24.3 ft on 6/1							
MOZ054	Henry	01 0000CST			0	0			Flood
	02 2359CST								
	Big Creek								
	Blairstown, MO								
	Flood Stage	20 ft							
	Above Flood Stage	6/1 to 6/2							
	Crest	20.4 ft on 6/1							
MOZ002	Nodaway	01 0000CST			0	0			Flood
	02 2359CST								
	102 River								
	Maryville, MO								
	Flood Stage	14 ft							
	Above Flood Stage	6/1							
	Crest	14.4 on 5/31							
MOZ028	Platte	01 0000CST			0	0			Flood
	06 2359CST								
	Platte River								
	Sharps Station, MO								
	Flood Stage	26 ft							
	Above Flood Stage	6/1 to 6/6							
	Crest	31.71 ft on 5/30							
MOZ028	Platte	01 0000CST			0	0			Flood
	06 2359CST								
	Platte River								
	Platte City, MO								
	Flood Stage	20 ft							
	Above Flood Stage	6/1 to 6/6							
	Crest	27.45 on 5/30							
MOZ032	Chariton	01 0000CST			0	0			Flood
	05 2359CST								
	Grand River								
	Sumner, MO								
	Flood Stage	26 ft							
	Above Flood Stage	6/1 to 6/5							
	Crest	39.15 on 5/29							

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
MOZ032	Chariton	01 0000CST 11 2359CST			0	0			Flood
	Grand River Brunswick, MO								
	Flood Stage	19 ft							
	Above Flood Stage	6/1 to 6/11							
	Crest	29.5 ft on 5/28							
MOZ020	Buchanan	01 0000CST 09 2359CST			0	0			Flood
	Missouri River St. Joseph, MO								
	Flood Stage	17 ft							
	Above Flood Stage	6/1 to 6/9							
	Crest	23.39 ft on 5/28							
MOZ038	Lafayette	01 0000CST 11 2359CST			0	0			Flood
	Missouri River Napolean, MO								
	Flood Stage	17 ft							
	Above Flood Stage	6/1 to 6/11							
	Crest	23.79 ft on 5/28							
MOZ038	Lafayette	01 0000CST 11 2359CST			0	0			Flood
	Missouri River Waverly, MO								
	Flood Stage	20 ft							
	Above Flood Stage	6/1 to 6/11							
	Crest	26.19 ft on 5/29							
MOZ038	Lafayette	01 0000CST 12 2359CST			0	0			Flood
	Missouri River Miami, MO								
	Flood Stage	18 ft							
	Above Flood Stage	6/1 to 6/12							
	Crest	26.4 on 5/29							
MOZ040	Howard	01 0000CST 11 2359CST			0	0			Flood
	Missouri River Glasgow, MO								
	Flood Stage	25 ft							
	Above Flood Stage	6/1 to 6/11							
	Crest	33.09 ft on 5/29							
MOZ046	Cooper	01 0000CST 11 2359CST			0	0			Flood
	Missouri River Boonville, MO								

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
MISSOURI, Northwest									
			Flood Stage	21 ft					
			Above Flood Stage	6/1 to 6/11					
			Crest	30.11 on 5/29					
Cass County									
Belton	02	1437CST			0	0			Hail (0.88)
			Nickel-size hail was reported in a severe thunderstorm at Belton.						
Henry County									
7 N Clinton	02	1538CST			0	0			Hail (1.00)
			One inch diameter hail was reported in a severe thunderstorm 7 miles north of Clinton.						
Bates County									
Hume to Rich Hill	02	1540CST			0	0			Hail (1.25)
			One and one quarter inch diameter hail was reported in a severe thunderstorm in both Hume and Rich Hill.						
Linn County									
Prescott	02	1555CST			0	0			Hail (1.75)
			Golfball-size hail was reported in a severe thunderstorm at Prescott.						
Saline County									
5 E Miami to Slater	02	1640CST 1650CST			0	0			Hail (0.75)
			Dime-size hail was reported in severe thunderstorms in Slater and 5 miles east of Miami.						
Howard County									
9 E Fayette	02	1922CST			0	0			Hail (1.75)
			The Sheriff's office reported golfball size hail and downed trees 9 miles east of Fayette along Route 103 south of Highway 124.						
MOZ037	Jackson								
	03	0000CST			0	0			Flood
	04	2359CST							
			Missouri River						
			Sibley, MO						
			Flood Stage	22 ft					
			Above Flood Stage	6/3 to 6/4					
			Crest	Estimated 22 ft on 6/3					
Harrison County									
Gilman City	05	2203CST			0	0			Hail (1.75)
			Golfball-size hail fell during a severe thunderstorm in Gilman City.						
Harrison County									
Blythedale to Melbourne	05	2224CST 2234CST			0	0			Hail (1.75)
			Severe thunderstorms over Eastern Harrison County dropped golfball-size hail over Blythedale and Melbourne.						
Grundy County									
5 NW Trenton to 5 N Brimson	05	2245CST 2250CST			0	0			Hail (2.75)
			Severe thunderstorms produced large hail over portions of Grundy County. Baseball-size hail fell 5 miles north of Brimson and golfball-size hail was reported 5 miles northwest of Trenton.						
Lafayette County									
Odessa	05	2330CST			0	0			Thunderstorm Wind (G60)
			Severe thunderstorm winds gusted to 70 MPH and took down numerous trees and powerlines in Odessa. The strong winds also removed the roof from the cafeteria at a local high school.						
Johnson County									
1 E Johnson to Kingsville	05 06	2358CST 0020CST			0	0			Hail (1.00)
			Severe thunderstorms dropped one inch in diameter hail 1 mile east of Elm and nickel-size hail at Kingsville.						
MOZ023	Livingston								
	06	0000CST			0	0			Flood
	10	2359CST							
			Grand River						

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm	
MISSOURI, Northwest										
			Chillicothe, MO							
			Flood Stage 24 ft							
			Above Flood Stage 6/6 to 6/8							
			Crest 29.29 ft on 6/7							
MOZ032			Chariton							
			06 0000CST							
			10 2359CST							
			Grand River							
			Sumner, MO							
			Flood Stage 26 ft							
			Above Flood Stage 6/6 to 6/10							
			Crest 33.62 ft on 6/8							
MOZ032			Chariton							
			06 0000CST							
			2359CST							
			Chariton River							
			Praire Hill, MO							
			Flood Stage 15 ft							
			Above Flood Stage 6/6							
			Crest 15.03 ft							
MOZ044			Johnson							
			06 0000CST							
			08 2359CST							
			Blackwater River							
			Valley City, MO							
			Flood Stage 22 ft							
			Above Flood Stage 6/6 to 6/8							
			Crest 25.5 ft on 6/6							
MOZ020			Buchanan							
			07 0000CST							
			2359CST							
			Platte River							
			Agency, MO							
			Flood Stage 20 ft							
			Above Flood Stage 6/7							
			Crest 20.4 ft							
MOZ037			Jackson							
			07 0000CST							
			09 2359CST							
			Missouri River							
			Sibley, MO							
			Flood Stage 22 ft							
			Above Flood Stage 6/7 to 6/9							
			Crest Estimated 23.0 ft on 6/7							
Howard County										
Boonesboro			12 1611CST							
			0 0							
			Hail (0.75)							
			County Sheriff's office reported dime size hail at Boonesboro during a severe thunderstorm.							
MOZ038			Lafayette							
			13 0000CST							
			15 2359CST							
			Missouri River							
			Napolean, MO							
			Flood Stage 17 ft							

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
	Above Flood Stage		6/13 to 6/15						
	Crest		17.48 ft on 6/14						
MOZ038	Lafayette								
	14	0000CST			0	0			Flood
	15	2359CST							
	Missouri River								
	Waverly, MO								
	Flood Stage		20 ft						
	Above Flood Stage		6/14 to 6/15						
	Crest		20.48 ft on 6/14						
MOZ020	Buchanan								
	16	0000CST			0	0			Flood
	20	2359CST							
	Missouri River								
	St. Joseph, MO								
	Flood Stage		17 ft						
	Above Flood Stage		6/16 to 6/20						
	Crest		17.87 ft on 6/17						
MOZ031	Carroll								
	16	0000CST			0	0			Flood
	30	2359CST							
	Missouri River								
	Miami, MO								
	Flood Stage		18 ft						
	Above Flood Stage		6/16 to 6/30						
	Crest		Estimated 24.4 ft on 6/26						
Buchanan County									
St Joseph	16	1633CST			0	0			Hail (1.00)
	County sheriff's office reported one inch in diameter hail at St. Joseph.								
Andrew County									
Avenue City	16	1644CST			0	0			Hail (1.00)
	One inch in diameter hail was reported near Avenue City during a severe thunderstorm.								
Cass County									
Drexel	16	1650CST			0	0	5K		Thunderstorm Wind
	Thunderstorm winds knocked down large tree limbs and power lines in Drexel.								
Buchanan County									
1 N St Joseph	16	1715CST			0	0			Hail (0.88)
	Severe thunderstorms dropped nickel-size hail one mile north of St. Joseph.								
Buchanan County									
St Joseph	16	1730CST			0	0			Hail (1.75)
	1735CST								
	There were several reports of golfball-size hail in St Joseph as severe thunderstorms moved through Buchanan county.								
De Kalb County									
Stewartville to Osborn	16	1803CST			0	0			Hail (0.88)
	1815CST								
	Nickel-size hail was reported in a severe thunderstorm at Stewartville while dime-size hail was observed at Osborn.								
Buchanan County									
3 N Buchanan	16	1805CST			0	0			Hail (0.75)
	Dime-size hail was reported 3 miles north of Agency.								

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
MISSOURI, Northwest									
Clinton County Cameron to Gower	16	1815CST 1830CST			0	0			Hail (0.88)
Severe thunderstorms dropped dime-size hail over Cameron and nickel-size hail over Gower.									
Clinton County 3 S Cameron	16	1900CST			0	0			Thunderstorm Wind (G60)
Severe thunderstorm winds gusted to 70 MPH 3 miles south of Cameron. A 50 foot section of a roof was blown onto Interstate 35.									
De Kalb County Osborn	16	1905CST 2200CST			0	0			Flash Flood
Very heavy rain from severe thunderstorms caused highway flooding throughout De Kalb County. Flooding was reported at the intersection of U.S. Highway 36 and Highway 33 along the Little Platte River.									
Buchanan County St Joseph to Easton	16	1910CST 2200CST			0	0			Flash Flood
A series of severe thunderstorms moved through Buchanan County containing very heavy rain which resulted in flash flooding. In St Joseph there were numerous reports of flooded roadways and flooding of lowlands. Lowland flooding was also reported in Easton.									
Clinton County 5 NE Perrin	16	1910CST 2200CST			0	0			Flash Flood
Heavy rains from severe thunderstorms produced flash flooding along county highways NN....N and T.									
Caldwell County Kingston	16	1915CST			0	0	5K		Thunderstorm Wind
County sheriff's office reported trees blown down in Kingston from thunderstorm winds.									
Ray County 1 N Hardin	16	2122CST			0	0			Thunderstorm Wind (G56)
Severe thunderstorm winds gusted up to 65 MPH 1 mile north of Hardin.									
MOZ020	Buchanan 17 18	0000CST 2359CST			0	0			Flood
Platte River Agency, MO Flood Stage 20 ft Above Flood Stage 6/17 to 6/18 Crest 23.54 ft on 6/17									
MOZ028	Platte 17 20	0000CST 2359CST			0	0			Flood
Platte River Sharps Station, MO Flood Stage 26 ft Above Flood Stage 6/17 to 6/20 Crest 29.13 ft on 6/19									
MOZ029	Clay 17	0000CST 2359CST			0	0			Flood
Little Platte River Smithville, MO Flood Stage 24 ft Above Flood Stage 6/17 Crest 29.88									

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Property	Crops	Character of Storm	
MISSOURI, Northwest										
MOZ029	Clay									
	17	0000CST			0	0			Flood	
	2359CST									
	Fishing River									
	Mosby, MO									
	Flood Stage	18 ft								
	Above Flood Stage	6/17								
	Crest	25.5 ft								
	MOZ030	Ray								
	17	0000CST			0	0			Flood	
18	2359CST									
	Crooked River									
	Richmond, MO									
	Flood Stage	20 ft								
	Above Flood Stage	6/17 to 6/18								
	Crest	Estimated 23.0 ft on 6/17								
MOZ031	Carroll									
	17	0000CST			0	0			Flood	
	18	2359CST								
	Wakenda Creek									
	Carrollton, MO									
	Flood Stage	20 ft								
	Above Flood Stage	6/17 to 6/18								
	Crest	21.6 ft on 6/18								
	MOZ038	Lafayette								
	17	0000CST			0	0			Flood	
30	2359CST									
	Missouri River									
	Napoleon, MO									
	Flood Stage	17 ft								
	Above Flood Stage	6/17 to 6/30								
	Crest	22.36 ft on 6/25								
MOZ038	Lafayette									
	17	0000CST			0	0			Flood	
	30	2359CST								
	Missouri River									
	Waverly, MO									
	Flood Stage	20 ft								
	Above Flood Stage	6/17 to 6/30								
	Crest	25.04 ft on 6/25								
	MOZ028	Platte								
	18	0000CST			0	0			Flood	
20	2359CST									
	Platte River									
	Sharps Station, MO									
	Flood Stage	26 ft								
	Above Flood Stage	6/24 to 6/29								
	Crest	25.0 ft on 6/27								
MOZ040	Howard									
	18	0000CST			0	0			Flood	
	20	2359CST								
	Missouri River									
	Glasgow, MO									
	Flood Stage	25 ft								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
MISSOURI, Northwest									
			Above Flood Stage 6/18 to 6/20						
			Crest 26.2 ft on 6/19						
MOZ046		Cooper							
		18 0000CST			0	0			Flood
		20 2359CST							
		Missouri River							
		Booneville, MO							
			Flood Stage 21 ft						
			Above Flood Stage 6/18 to 6/20						
			Crest 22.97 ft on 6/19						
MOZ020		Buchanan							
		22 0000CST			0	0			Flood
		30 2359CST							
		Missouri River							
		St. Joseph, MO							
			Flood Stage 17 ft						
			Above Flood Stage 6/22 to 6/30						
			Crest 23.32 ft on 6/24						
MOZ002		Nodaway							
		23 0000CST			0	0			Flood
		24 2359CST							
		102 River							
		Maryville, MO							
			Flood Stage 14 ft						
			Above Flood Stage 6/23 to 6/24						
			Crest 17.0 ft on 6/23						
Nodaway County									
Ravenwood		23 1505CST			0	0			Thunderstorm Wind
			Severe thunderstorm winds knocked trees down in Ravenwood.						
Worth County									
4 N Sheridan to Sheridan		23 1530CST			0	0	8K		Thunderstorm Wind
			Severe thunderstorm winds knocked down large tree limbs 4 miles north of Sheridan. In Sheridan a sign was blown down at a restaurant.						
Atchison County									
Tarkio		23 1615CST			0	0			Thunderstorm Wind
			Severe thunderstorm winds uprooted trees and blew over a small shed in Tarkio.						
Mercer County									
Princeton		23 1640CST			0	0			Hail (0.88)
			A severe thunderstorm dropped nickel-size hail over Princeton.						
Nodaway County									
Clearmont		23 1700CST			0	0			Flash Flood
			Heavy rains from thunderstorms produced flash flooding in Clearmont. Highwater was reported over 71 Highway.						
Nodaway County									
Guilford to Barnard		23 1750CST			0	0	7K		Thunderstorm Wind
			Severe thunderstorm winds blew trees down in Barnard and blew over a grain bin in Guilford.						
Andrew County									
2 NE Empire Prairie		23 1800CST			0	0			Thunderstorm Wind (G52)
			Winds during severe thunderstorms uprooted a large tree 2 miles northeast of Empire Prairie.						

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Gentry County									
King City	23	1805CST			0	0	2K		Thunderstorm Wind
	Severe thunderstorm winds blew down large tree limbs up to 4 inches in diameter in King City.								
MOZ002									
	Nodaway								
	24	0000CST			0	0			Flood
		2359CST							
	Nodaway River								
	Burlington Junction, MO								
	Flood Stage		18 ft						
	At Flood Stage		6/24						
	Crest		Estimated 18 ft						
MOZ020									
	Buchanan								
	24	0000CST			0	0			Flood
	26	2359CST							
	Platte River								
	Agency, MO								
	Flood Stage		20 ft						
	Above Flood Stage		6/24 to 6/26						
	Crest		26.04 ft on 6/25						
MOZ028									
	Platte								
	24	0000CST			0	0			Flood
	29	2359CST							
	Platte River								
	Platte City, MO								
	Flood Stage		20 ft						
	Above Flood Stage		6/24 to 6/29						
	Crest		25.0 ft on 6/27						
MOZ054									
	Henry								
	24	0000CST			0	0			Flood
	25	2359CST							
	Big Creek								
	Blairstown, MO								
	Flood Stage		20 ft						
	Above Flood Stage		6/24 to 6/25						
	Crest		21.3 ft on 6/24						
MOZ032									
	Chariton								
	25	0000CST			0	0			Flood
	26	2359CST							
	Grand River								
	Sumner, MO								
	Flood Stage		26 ft						
	Above Flood Stage		6/25 to 6/26						
	Crest		30.91 ft on 6/25						
MOZ032									
	Chariton								
	25	0000CST			0	0			Flood
	27	2359CST							
	Grand River								
	Brunswick, MO								
	Flood Stage		19 ft						
	Above Flood Stage		6/25 to 6/27						
	Crest		21.0 ft on 6/26						

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Property	Crops	Character of Storm	
MISSOURI, Northwest										
MOZ054	Henry									
	25	0000CST			0	0			Flood	
		2359CST								
	South Grand River									
	Urich, MO									
	Flood Stage 24 ft									
	Above Flood Stage 6/25									
	Crest 25.0 ft									
MOZ037	Jackson									
	25	0000CST			0	0			Flood	
	28	2359CST								
	Missouri River									
	Sibley, MO									
	Flood Stage 2 ft									
	Above Flood Stage 6/25 to 6/28									
	Crest Estimated 23.6 ft									
MOZ040	Howard									
	25	0000CST			0	0			Flood	
	29	2359CST								
	Missouri River									
	Glasgow, MO									
	Flood Stage 25 ft									
	Above Flood Stage 6/25 to 6/29									
	Crest 28.12 ft on 6/26									
MOZ046	Cooper									
	25	0000CST			0	0			Flood	
	30	2359CST								
	Missouri River									
	Boonville, MO									
	Flood Stage 21 ft									
	Above Flood Stage 6/25 to 6/30									
	Crest 24.91 ft on 6/26									
MISSOURI, Southeast										
MOZ076-087-111>112-114	Perry - Cape Girardeau - Scott - Mississippi - New Madrid									
	01	0001CST			0	0			Flood	
	21	0030CST								
	The Mississippi River remained above flood stage well into June. It crested at both Cape Girardeau and New Madrid on June 5, and fell below flood stage by June 21. The crest at Cape Girardeau was 39.8 feet, well above the flood stage of 32 feet. Some homes and businesses closest to the river that were evacuated in May remained vacant. Roads closest to the river remained under water. Agricultural bottomland was flooded.									
Butler County										
Poplar Bluff	07	0859CST			0	0			Funnel Cloud	
	Funnel clouds were observed. They were not associated with supercell thunderstorms.									
Butler County										
Poplar Bluff	12	1215CST			0	0			Hail (1.00)	
Butler County										
Poplar Bluff	12	1230CST			0	0	50K		Flash Flood	
		1400CST								
	Radar estimated over 2.5 inches of rain fell in 3 hours. A home in Poplar Bluff had 3 to 4 feet of water inside. Major street flooding was widespread in Poplar Bluff.									
Cape Girardeau County										
Cape Girardeau	12	1355CST			0	0			Hail (1.00)	
Cape Girardeau County										
Cape Girardeau	12	1355CST			0	0			Thunderstorm Wind (G52)	
	Power lines and trees were knocked down.									
Cape Girardeau County										
Cape Girardeau	12	1400CST			0	0			Urban/Sml Stream Fld	
		1600CST								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>MISSOURI, Southeast</u>									
									Thunderstorms dumped 2.75 inches of rain on Cape Girardeau. The rain forced the lagoon in Capaha Park out of its banks, and water flowed onto a main street. A 13-year-old boy was injured when a vehicle struck him during a heavy downpour.
Perry County 2 SW Perryville to Perryville	12	1830CST 1840CST			0	0	20K		Thunderstorm Wind
									Power lines and trees were blown down. Roofs were damaged.
New Madrid County Portageville	13	1340CST			0	0	1K		Thunderstorm Wind
									Small trees were blown down.
<u>MISSOURI, Southwest</u>									
Mcdonald County Anderson	01	0230CST			0	0	0	0	Hail (1.75)
Jasper County Carthage	01	0237CST			0	0	5K	0	Thunderstorm Wind
									Thunderstorm winds blew down powerlines.
Vernon County Stotesbury	02	1550CST			0	0			Hail (0.75)
Vernon County Nevada	02	1618CST			0	0			Hail (0.88)
Vernon County Walker	02	1626CST			0	0			Hail (0.75)
Cedar County El Dorado Springs	02	1626CST			0	0			Hail (0.75)
Vernon County Bronaugh	02	1645CST			0	0			Hail (1.00)
Dade County Arcola	02	1710CST			0	0			Thunderstorm Wind (G50)
Polk County Bolivar	02	1715CST			0	0			Hail (0.75)
									Thunderstorm winds also gusted to 50 knots.
Barton County Lamar	02	1735CST			0	0			Hail (1.00)
Greene County Springfield	02	1750CST			0	0	0	0	Thunderstorm Wind
									Thunderstorm winds blew tree limbs down at the intersection of Chestnut Expressway and Benton Streets in north Springfield.
Lawrence County Halltown	02	1825CST			0	0			Hail (0.75)
Lawrence County 5 S Stotts City	02	1852CST			0	0			Hail (1.00)
Barry County Monett	02	1910CST			0	0			Hail (0.75)
Jasper County Duquesne	02	1912CST			0	0			Hail (0.75)
Newton County Diamond	02	1918CST			0	0			Hail (1.00)
Newton County Granby	02	1935CST			0	0			Hail (0.75)
Newton County Fairview	02	1955CST			0	0			Hail (1.00)
Barry County Wheaton	02	2000CST			0	0			Hail (0.75)
Barry County Exeter	02	2024CST			0	0			Hail (1.00)
Vernon County Richards	06	0000CST			0	0			Hail (0.88)
Vernon County Nevada	06	0104CST			0	0			Hail (0.75)
Cedar County Fair Play	06	0220CST			0	0			Hail (0.75)
Polk County Cliquot	06	0227CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southwest									
Polk County 7 SE Bolivar	06	0315CST			0	0			Hail (0.75)
Dallas County Buffalo	06	0320CST			0	0	0	0	Thunderstorm Wind (G50)
Thunderstorm winds brought large limbs down.									
Morgan County Versailles	06	0600CST			0	0	10K	0	Flash Flood
Up to two inches of rain in one and a half hours caused flooding of low water crossings across the county.									
Miller County Eldon	06	0600CST			0	0	10K	0	Flash Flood
Three inches of rain caused street flooding in Eldon and a bridge was washed out on a county road north of Eldon.									
Maries County Belle	06	0700CST			0	0	5K	0	Flash Flood
Up to three inches of rain caused flooding throughout the county. Several roads in the Vienna and Belle areas were underwater.									
Greene County Republic	06	1242CST			0	0			Hail (0.75)
Christian County Linden	06	1310CST			0	0			Hail (0.75)
Ozark County Dora	06	1430CST			0	0			Hail (0.88)
Howell County West Plains	06	1445CST			0	0			Hail (0.75)
Howell County West Plains	06	1500CST			0	0	0	0	Flash Flood
Up to three inches of rain fell in the West Plains area flooding several roads. Most of the flooding occurred at the intersections of Highways JJ and 160 just southwest of West Plains.									
Howell County 5 NW West Plains	06	1515CST			0	0	0	0	Hail (1.75)
Oregon County Thayer	06	1539CST			0	0			Hail (0.88)
Barry County 5 E Cassville	13	1200CST			0	0			Hail (1.00)
Jasper County Joplin	16	1355CST			1	0			Lightning
A 78 year old woman, Meta B. Stinnett, was killed by lightning during an afternoon thunderstorm. A bolt of lightning hit a tree about 50 feet from where she was standing in her front yard. The energy from the bolt traveled along the ground and struck her.									
F78UT									
Oregon County Rover	17	1610CST			0	0	10K	0	Thunderstorm Wind
Thunderstorm winds blew roof off barn and large trees down. Nickel size hail was also reported.									
Greene County Strafford	18	0740CST			0	0			Hail (1.00)
Vernon County Sheldon	18	1535CST			0	0			Hail (1.00)
Cedar County Jerico Springs	18	1600CST			0	0			Hail (0.75)
Douglas County Ava	18	1700CST			0	0	0	0	Thunderstorm Wind
Thunderstorm winds brought down large limbs. Nickel size hail was also reported.									
Vernon County Nevada	18	1735CST			0	0	0	0	Thunderstorm Wind
Thunderstorm winds downed large tree limbs.									

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
MISSOURI, Southwest										
Webster County										
Fordland	18	1745CST			0	0			Hail (1.00)	
Greene County										
Springfield	18	1800CST			0	0			Hail (0.75)	
Webster County										
Fordland	18	1800CST			0	0			Hail (1.00)	
Vernon County										
Milo	18	1816CST			0	0			Hail (0.88)	
Christian County										
Linden	18	1828CST			0	0	15K	0	Thunderstorm Wind	
Thunderstorm winds downed large tree limbs and a shed was damaged as it was moved 200 yards.										
Douglas County										
Ava	18	1844CST			0	0			Thunderstorm Wind (G50)	
Vernon County										
Dederick	18	1845CST			0	0			Hail (0.75)	
Dade County										
Arcola	18	1928CST			0	0			Thunderstorm Wind (G50)	
Dime size hail was also reported.										
Barton County										
Golden City	18	1943CST			0	0			Hail (0.75)	
Dade County										
Greenfield	18	1943CST			0	0			Hail (0.88)	
Texas County										
7 S Licking	18	1945CST			0	0	0	0	Hail (1.75)	
Jasper County										
Webb City	18	1946CST			0	0			Thunderstorm Wind (G60)	
Dent County										
Montauk	18	1955CST			0	0			Hail (0.75)	
Stone County										
Galena	18	2026CST			0	0			Hail (0.88)	
Newton County										
Granby	18	2035CST			0	0	5K	0	Thunderstorm Wind	
Thunderstorm winds brought down scattered power lines in the Granby area.										
Lawrence County										
Verona	18	2040CST			0	0	0	0	Thunderstorm Wind	
Thunderstorm winds blew down trees.										
Stone County										
Hurley	18	2109CST			0	0			Hail (1.00)	
Christian County										
2 S Billings to 2 SE Ozark	18	2110CST 2115CST			0	0	15K	0	Thunderstorm Wind	
Thunderstorm winds caused minor damage from 2 miles south of Billings to near Ozark. Trees and powerlines were blown down near Billings and one outbuilding was damaged near Ozark.										
Taney County										
Rueter	18	2200CST			0	0	0	0	Thunderstorm Wind	
Thunderstorm winds downed trees.										
Jasper County										
Joplin	27	0630CST			0	0	15K	0	Flash Flood	
Between 3 and 4 inches of rain fell in the city of Joplin between 0600 and 1000 causing flooding of basements and streets.										
MONTANA, Central										
Hill County										
Rocky Boy	03	1910MST			0	0			Hail (0.75)	
Lewis And Clark County										
23 W Augusta	15	1545MST			0	0			Hail (0.75)	
Brief strong winds were reported with this storm.										
Cascade County										
Simms	15	1620MST			0	0	1.6K		Hail (1.00)	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>MONTANA, Central</u>									
One inch hail broke several windows in the town of Simms. Estimated damage to repair the windows was \$1600. Crop damage was also reported with this storm.									
Meagher County 15 SW White Sulphur Spgs	15	1620MST 1630MST	2	5	0	0			Tornado (F0)
A tornado was sighted over Mt. Edith by the Meagher county sheriff. It lasted for about 10 minutes.									
Teton County 7 SE Dutton	15	1702MST			0	0			Hail (0.75)
Cascade County Ulm	15	1707MST			0	0			Hail (0.75)
Cascade County Simms	15	1735MST			0	0			Hail (1.00)
Fergus County 8 NE Roy	16	0200MST			0	0			Thunderstorm Wind (G52)
Hill County 12 SW Box Elder	17	1500MST			0	0			Funnel Cloud
A funnel cloud was sighted at Big Sandy.									
Hill County 5 SW Box Elder	17	1553MST			0	0			Thunderstorm Wind (G69)
The wind speed was estimated.									
Hill County Havre	17	1608MST 1640MST			0	0			Thunderstorm Wind (G68)
Part of the roof was blown off of a building at Montana State Northern college by strong thunderstorm winds. Several other buildings on campus were also damaged. Buildings in town were also damaged including a house having it's roof blown off and an abandoned county shop losing it's roof. A mobile home east of town was blown off it's blocks, had windows broken, and had siding stripped off. Part of the roof of Northern Montana hospital was blown off.									
Blaine County Chinook	17	1629MST			0	0	0.50K		Thunderstorm Wind (G71)
Strong thunderstorm winds blew a large plate glass window out of a grocery store. Damage to fix the window was estimated at \$500.									
Cascade County 4 S Sun River	17	2000MST			0	0			Hail (0.75)
Lewis And Clark County 10 SE Helena	25	1710MST			0	0			Hail (2.00)
Jefferson County Clancy	25	1735MST			0	0			Hail (2.00)
Cascade County Monarch	25	1800MST			0	0			Hail (1.00)
Chouteau County 7 NE Highwood	25	1810MST			0	0			Hail (1.75)
Cascade County Monarch	25	1855MST			0	0			Hail (1.00)
Judith Basin County Raynesford	25	1908MST			0	0			Hail (0.75)
Judith Basin County 7 N Stanford	25	1940MST			0	0			Hail (2.75)
Fergus County 8 NE Denton	25	1955MST 2015MST	2	30	0	0	25K		Tornado (F2)
A tornado touched down for about 20 minutes, damaging several buildings on a ranch 8 miles northeast of Denton.									
Judith Basin County Stanford	25	1955MST			0	0			Hail (0.75)
Fergus County Coffee Creek	25	2000MST			0	0			Hail (2.75)
Fergus County Denton	25	2010MST			0	0			Hail (2.75)
Chouteau County 5 NW Big Sandy	25	2255MST			0	0			Hail (0.75)
Lewis And Clark County Augusta	26	1515MST			0	0			Hail (1.00)
Teton County 5 S Fairfield	26	1610MST			0	0			Hail (0.75)
Pondera County 2 NW Conrad	26	1620MST			0	0			Funnel Cloud

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm	
<u>MONTANA, Central</u>										
Pondera County Conrad	26	1628MST			0	0			Hail (1.00)	
Pondera County 3 W Valier	26	1648MST			0	0			Hail (0.75)	
Fergus County 6 N Denton	26	1648MST			0	0			Hail (1.50)	
Fergus County Denton	26	1648MST			0	0			Hail (0.75)	
Fergus County 2 N Coffee Creek	26	1700MST			0	0			Hail (1.75)	
Fergus County Denton	26	1710MST			0	0			Hail (0.75)	
Fergus County 3 S Winifred	26	1745MST			0	0			Hail (4.50)	
A storm spotter reported softball sized hail between Suffolk and Winifred.										
Liberty County Tiber	26	1745MST			0	0			Hail (1.25)	
Liberty County Chester	26	1800MST			0	0			Hail (0.75)	
Pondera County 2 NW Brady	26	2205MST			0	0			Hail (0.75)	
Pondera County 2 NW Brady to 2 N Brady	26	2215MST			0	0			Hail (1.00)	
Toole County Devon	26	2230MST			0	0			Hail (1.50)	
Fergus County Denton	26	2230MST			0	0			Hail (1.50)	
Liberty County Chester	26	2300MST			0	0			Hail (2.00)	
Liberty County 2 N Chester	26	2300MST 2320MST	0.2	10	0	0			Tornado (F0)	
Liberty County Chester	26	2320MST			0	0			Hail (1.75)	
Golf ball sized hail broke windows on houses and damaged vehicles. About 20 houses sustained damage, mostly on the north part of town.										
Liberty County Chester	26	2345MST			0	0			Hail (1.00)	
Hill County 25 NW Inverness	27	0015MST			0	0			Hail (1.75)	
A thunderstorm 15 miles northwest of chester produced golf ball sized hail and strong winds. Some tree limbs were blown down.										
Hill County 20 N Inverness	27	0015MST			0	0			Hail (0.75)	
Hail caused crop damage.										
Hill County 20 N Inverness	27	0015MST			0	0			Thunderstorm Wind (G78)	
Strong thunderstorm winds blew roofs off of two old buildings. Fences were also blown down. Wind gusts were estimated at 90 mph.										
Pondera County Conrad	27	0428MST			0	0			Hail (1.00)	
Strong winds and hail produced much crop damage.										
Pondera County Conrad	27	0428MST			0	0			Thunderstorm Wind (G50)	
Pondera County 2 NW Conrad	27	1620MST			0	0			Funnel Cloud	
Pondera County Conrad	27	1628MST			0	0			Hail (1.00)	
Hill County Havre	27	1815MST			0	0			Thunderstorm Wind	
Strong thunderstorm winds damaged 5 power poles in the Havre area.										
Hill County Havre	27	1815MST			0	0			Funnel Cloud	
Fergus County Winifred	27	2200MST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
						Killed	Injured	Property	Crops	
<u>MONTANA, East</u>										
Valley County										
17 N (Ggw)Glasgow Intl Ar		03	1932MST			0	0			Hail (1.75)
Valley County										
Nashua		03	2015MST			0	0			Hail (1.00)
Valley County										
20 N Frazer		09	2254MST			0	0			Thunderstorm Wind (G61)
Valley County										
Glasgow Intl Arpt		11	1040MST			0	0			Hail (0.75)
Valley County										
Glasgow		11	1043MST			0	0			Hail (1.00)
Valley County										
8 S Richland		11	1055MST 1056MST			0	0			Hail (0.75)
Valley County										
Glasgow		11	1059MST			0	0			Hail (0.75)
Daniels County										
1 SW Peerless		11	1125MST			0	0			Hail (0.75)
Richland County										
Enid		11	1230MST			0	0			Hail (0.75)
McCone County										
10 N Weldon		14	0300MST			0	0			Hail (1.50)
Valley County										
Glasgow Intl Arpt		14	1043MST 1045MST			0	0			Hail (1.00)
Valley County										
5 N Nashua		14	1108MST			0	0			Hail (0.75)
Valley County										
10 NW Lustre		14	1210MST			0	0			Hail (1.00)
Roosevelt County										
11 N Volt		14	1215MST			0	0			Hail (0.75)
McCone County										
Vida		14	1259MST			0	0			Hail (0.75)
Valley County										
7 W Lustre		16	1850MST 1852MST			0	0			Hail (0.75)
Valley County										
1 N Nashua		16	1927MST			0	0			Hail (0.75)
Valley County										
7 S Lustre		16	1945MST			0	0			Hail (1.50)
Valley County										
17 N Oswego		16	2117MST 2330MST			0	0			Flash Flood
Rainfall of more than four inches in less than 2 hours caused the Wolf Creek to overflow it's banks and cover many secondary roadways. A gravel road was washed out.										
Phillips County										
5 N Dodson		17	1700MST 1704MST			0	0	15K		Thunderstorm Wind
Strong straight line winds struck a farm 5 miles north of Dodson. The roof of a 70 year old hay loft was blown over 200 feet. Double doors on a storage building were destroyed.										
Phillips County										
17 NW Malta		17	1705MST 1706MST			0	0	1K		Thunderstorm Wind (G60)
Phillips County										
Malta		17	1715MST			0	0			Thunderstorm Wind (G60)
Phillips County										
36 N Malta		17	1725MST 1735MST			0	0			Thunderstorm Wind (G70)
Phillips County										
11 N Dodson		17	1815MST			0	0			Thunderstorm Wind (G70)
Valley County										
10 NNE Hinsdale		17	1816MST 1818MST			0	0			Funnel Cloud
Valley County										
10 SE Hinsdale		17	1853MST 1855MST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Damage Property	Crops	Character of Storm
<u>MONTANA, East</u>									
Valley County 10 NW Glasgow	17	1907MST 1910MST			0	0			Hail (0.75)
Valley County 2 E Glasgow	17	1915MST			0	0	50K		Thunderstorm Wind
Strong straight line winds blew the roof off of two pole buildings at a lumber yard. Debris was found a mile east of the site.									
Valley County 10 S Glentana	17	1949MST 1959MST			0	0			Hail (0.75)
Valley County Glasgow	17	2007MST			0	0			Thunderstorm Wind (G57)
Valley County Lustre	17	2015MST			0	0	0.50K		Thunderstorm Wind
Daniels County 13 SSW Peerless	17	2032MST 2034MST			0	0			Thunderstorm Wind (G57)
Strong thunderstorm winds to over 60 miles an hour downed trees and power lines.									
Daniels County Whitetail	17	2050MST			0	0			Thunderstorm Wind (G60)
Daniels County 2 E Whitetail	17	2105MST			0	0			Thunderstorm Wind (G60)
Garfield County .2 S Jordan	24	1831MST 1833MST			0	0			Hail (1.50)
Garfield County 4 W Jordan	24	1835MST 1836MST			0	0			Hail (1.00)
Phillips County 44 S Malta	24	1920MST 1925MST			0	0			Hail (0.75)
Valley County 6 SW Lustre	24	2135MST 2138MST			0	0			Hail (1.50)
Valley County Lustre	24	2147MST			0	0			Hail (1.00)
Roosevelt County 30 NE Wolf Point to 30 N Wolf Point	24	2200MST			0	0			Hail (0.75)
Phillips County 8 S Zortman	26	1900MST			0	0			Hail (0.75)
<u>MONTANA, South</u>									
Musselshell County Roundup	03	1615MST 1617MST			0	0			Hail (0.75)
Big Horn County 8 NE St Xavier	03	1805MST 1807MST			0	0			Hail (2.00)
Big Horn County Lodge Grass	03	1837MST 1839MST			0	0			Hail (1.25)
Big Horn County Lodge Grass	03	1837MST 1839MST			0	0			Thunderstorm Wind (G57)
Winds gusting to 65 miles an hour (57 kt) occurred at Lodge Grass in Big Horn County of south Central Montana. This was in conjunction with 1.25 inch hail that occurred at the same time.									
Carbon County Roscoe	04	1915MST 1916MST			0	0			Hail (0.75)
MTZ007	South Central Montana 05 21	0000MST 2359MST			0	0			Flood
Widespread flooding along the Yellowstone River and tributaries at Livingston and Cooke City in Park County of South Central Montana. Wildlife died, 40 to 50 homes evacuated, 5 bridges washed out. Estimated damages were \$475,000.									
MTZ009	Southeast Montana 07 14	0000MST 2359MST			0	0			Flood
Lowland flooding took place at Hathaway in Rosebud County of Southeast Montana.									

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	June 1996
MONTANA, South											
MTZ007		South Central Montana									
		11	0000MST			0	0			Flood	
		14	2359MST								
Flooding around the Yellowstone River at Huntley, Worden, and Pompey's Pillar in Yellowstone County of South Central Montana flooded corn fields and stranded cattle.											
Dawson County											
Glendive		11	1430MST			0	0			Hail (1.50)	
			1432MST								
Carter County											
Ekalaka		11	1438MST			0	0			Hail (0.75)	
			1440MST								
Carter County											
Ekalaka		11	1455MST			0	0			Hail (1.75)	
			1457MST								
Carter County											
Alzada		11	1505MST			0	0			Hail (1.75)	
			1507MST								
Wibaux County											
Wibaux		11	1511MST			0	0			Hail (0.75)	
			1513MST								
MTZ007		South Central Montana									
		12	0000MST			0	0			Flood	
		14	2359MST								
Lowland Flooding occurred in the vicinity of Columbus in Stillwater County of South Central Montana.											
MTZ007		South Central Montana									
		12	0000MST			0	0			Flood	
		20	2359MST								
Lowland flooding occurred near Big Timber in Sweet Grass County and also near Cooney Dam in Carbon County. Both counties are in South Central Montana.											
Powder River County											
Otter		13	0000MST			0	0			Hail (0.75)	
			0002MST								
Big Horn County											
16 NE Hardin		13	1905MST			0	0			Hail (0.75)	
			1907MST								
Treasure County											
25 SSE Hysham		13	1950MST			0	0			Hail (1.00)	
			1952MST								
Rosebud County											
.5 SW Rock Spgs		14	1330MST			0	0			Hail (2.00)	
			1332MST								
Prairie County											
21 NNW Terry		14	1420MST			0	0			Hail (0.75)	
			1422MST								
Carbon County											
2.5 N Red Lodge		14	1435MST			0	0			Hail (0.75)	
			1436MST								
Dawson County											
6 W Intake		14	1525MST			0	0			Hail (0.75)	
			1527MST								
Big Horn County											
2 SW Ft Smith		14	1620MST			0	0			Hail (1.00)	
			1621MST								
Rosebud County											
Rosebud		14	1630MST			0	0			Hail (1.00)	
			1632MST								
Carter County											
Belltower		14	1755MST			0	0			Hail (1.00)	
			1756MST								
Carter County											
2 N Belltower		14	1755MST			0	0			Hail (1.75)	
			1757MST								
Big Horn County											
6 NE Decker		14	1820MST			0	0			Thunderstorm Wind (G50)	
			1821MST								
Sweet Grass County											
Mc Leod		15	1930MST			0	0			Hail (0.75)	
			1931MST								
Wheatland County											
Twodot		15	1931MST			0	0			Thunderstorm Wind (G52)	
			1932MST								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm	June 1996
<u>MONTANA, South</u>										
Rosebud County Forsyth	17	1655MST 1656MST			0	0			Hail (0.75)	
Rosebud County Forsyth	17	1705MST 1707MST			0	0			Hail (0.75)	
Rosebud County .5 SW Rock Spgs	17	1730MST 1731MST			0	0			Thunderstorm Wind (G50)	
Big Horn County Wyola	17	1740MST 1741MST			0	0			Thunderstorm Wind (G52)	
Limbs from 2 cottonwood trees on south side of house blew down. One of them did some damage on the house roof. Roofing on barn and chicken coop of same property was blown off. Both structures are located northeast of the house. Vehicles parked just south of the property were undamaged. A trailer, parked about 60 feet southeast of the house was left intact and not overturned. Wind gust causing the damages estimated at 60 miles an hour or 52 knots.										
Rosebud County Rock Spgs	17	1743MST 1744MST			0	0			Thunderstorm Wind (G57)	
Big Horn County Wyola	17	1815MST 1816MST			0	0			Thunderstorm Wind (G52)	
Big Horn County Wyola	17	1830MST 1831MST			0	0			Thunderstorm Wind (G50)	
Dawson County 5 W Glendive	17	2020MST 2022MST			0	0			Hail (0.75)	
Dawson County Glendive	17	2030MST 2031MST			0	0			Hail (0.75)	
Prairie County 8 S Terry	17	2040MST 2041MST			0	0			Thunderstorm Wind (G50)	
Prairie County 7 SE Fallon	17	2050MST 2051MST			0	0			Thunderstorm Wind (G53)	
Big Horn County Hardin	22	1300MST 1302MST			0	0			Hail (3.00)	
A pilot reported hail 3.00 inches										
Big Horn County 5 W Hardin	22	1325MST 1327MST			0	0			Hail (1.00)	
Big Horn County Hardin	22	1325MST 1326MST			0	0			Hail (0.75)	
Big Horn County 1 N Hardin to 5 N Hardin	22	1335MST 1355MST	4	5	0	0			Tornado (F1)	
An F1 tornado caused building and power line damage. The tornado tracked from 1 mile north of Hardin to 5 miles north of Hardin in Big Horn County of South Central Montana. Damage Costs unknown.										
Rosebud County 36 SE Forsyth	22	1455MST 1457MST			0	0			Hail (0.75)	
Rosebud County Birney	22	1507MST 1508MST			0	0			Thunderstorm Wind (G65)	
A 75 miles per hour thunderstorm wind gust (65kt) blew shingles away from a house. Damage costs unknown.										
Rosebud County Brandenberg	22	1520MST 1521MST			0	0			Thunderstorm Wind (G61)	
Rosebud County 15 N Ashland	22	1530MST 1531MST			0	0			Hail (0.75)	
Custer County Volberg	22	1550MST 1551MST			0	0			Thunderstorm Wind (G50)	

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
MONTANA, South										
Powder River County 15 S Volberg	22	1600MST 1601MST			0	0			Thunderstorm Wind (G50)	
Carter County Boyes	22	1653MST 1654MST			0	0			Hail (1.00)	
Rosebud County 4 E Rock Spgs to 4.1 E Rock Spgs	24	1950MST 1951MST	0.1	3	0	0			Tornado (F0)	
An F0 tornado touched down briefly and caused no damages.										
Rosebud County 8 W Lame Deer	24	2030MST 2031MST			0	0			Hail (1.00)	
Dawson County 10 N Lindsay	24	2041MST 2042MST			0	0			Hail (0.75)	
Prairie County 33 N Terry	24	2045MST 2046MST			0	0			Hail (1.00)	
Big Horn County Crow Agency	24	2130MST 2131MST			0	0			Hail (0.75)	
Big Horn County Crow Agency	24	2130MST 2131MST			0	0			Thunderstorm Wind (G50)	
Stillwater County 8 N Molt	26	1910MST 1911MST			0	0			Hail (1.75)	
Yellowstone County Broadview	26	1920MST 1921MST			0	0			Hail (1.00)	
Musselshell County 10 S Roundup	26	2010MST 2011MST			0	0			Hail (1.00)	
Musselshell County 10 SSE Roundup	26	2010MST 2012MST			0	0			Hail (4.50)	
Softball sized hail fell and broke many windows. Damage costs unknown.										
Powder River County 8 SW Biddle	28	1620MST 1621MST			0	0			Hail (0.75)	
Powder River County 8 SW Biddle	28	1620MST 1621MST			0	0			Thunderstorm Wind (G52)	
A 60 miles an hour wind gust (52 kt) damaged a house. Costs unknown.										
Powder River County 5 E Broadus	28	1630MST 1632MST			0	0			Thunderstorm Wind (G90)	
Winds 80 to 100 miles an hour (will mention 90 kts in data) uprooted a cottonwood tree 6 feet in diameter. Considerable damage occurred to farm properties in the area. Damage costs not known.										
Powder River County 5 E Broadus	28	1630MST 1631MST			0	0			Hail (2.50)	
Powder River County 3 E Broadus to 3.5 E Broadus	28	1630MST 1632MST	0.5	5	0	0			Tornado (F1)	
An F1 tornado uprooted trees and sagebrush went through the area. No other known damages were caused by it.										
Powder River County 8 E Broadus	28	1635MST 1636MST			0	0			Hail (3.00)	
Hail varying in size from 1.75 to 3.00 occurred about 8 miles east of Broadus. Will mention the largest size in the data.										
Carter County 10 N Ridgeway	28	1730MST 1731MST			0	0			Hail (0.75)	
Carter County 10 N Ridgeway	28	1730MST 1731MST			0	0			Thunderstorm Wind (G61)	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property Crops		Character of Storm
Killed	Injured									
MONTANA, West										
MTZ001>002 Northwest Montana - West Central Montana										
	04	0800MST			3	0				Flood
	14	2300MST								
Major damage from flooding occurred mainly in Ravalli County where numerous roads were flooded and washed out. The worst road damage occurred on the Skalkaho Highway between the Bitterroot Valley and the Philipsburg/Anaconda area where water was diverted into the road in several places. Flooding on the Bitterroot River caused the Victor Crossing Bridge in Ravalli County to move six inches down stream and drop 23 inches. Estimated repair to fix the bridge is one million dollars. Flooding on the Bitterroot also caused erosion east of Victor, exposing a high pressure gas line crossing the river to Victor.										
\$10,000 damage also occurred to septic tanks in the Warm Springs area of Deer Lodge County where 40 to 50 homes were threatened along Warm Springs Creek.										
Seven damaged areas in the Fisher drainage near Libby Creek in Lincoln County is expected to cost \$500,000 to repair. Flooding in Libby Creek had washed out a bridge leading into Howard Lake. Libby Creek road had a 400-foot long piece of pavement and road base washed out, six feet wide.										
In Flathead County, the East Side Road to Hungry Horse Reservoir has been closed due to a massive road slump due to flooding. Felix Creek also caused about 100 yards of a road to drop off a cliff.										
The flooding peaked on June 11, when widespread flooding occurred in both Missoula and Ravalli Counties. A dike on the Bitterroot River near Lolo was breached for about a 50 yard break, flooding yards and homes in the area and the Linda Vista Golf Course south of Missoula. The flood water floated two chest freezers out of one garage in Lolo. A private levee broke near the Clark Fork River in Missoula flooding the area.										
A few deaths occurred on the rivers during this period. On June 6, a man drove into the Bitterroot River near Sula and drowned. On June 7, a 24 year old man died after jumping off a Missoula bridge into the Bitterroot River as he was swept away. A 22 year old man died on June 9, swimming in the fast currents of the Blackfoot River east of Bonner. M22IW, M24IW, M56IW										
Beaverhead County										
Red Rock Lakes	14	1430MST			0	0				Hail (0.75)
		1500MST								
Employee at Red Rock Lakes National Wildlife Refuge had to move vehicle to shelter due to estimated dime to quarter sized hail and damage to car.										
Missoula County										
Lolo	15	2010MST			0	0				Thunderstorm Wind (G52)
wind gust estimated up 52 knot blew over wood pile										
Missoula County										
Missoula	15	2011MST			0	0				Thunderstorm Wind (G52)
		2030MST								
numerous reports of wind gusts to 52 knots, caused downed power lines and tree branches 2 to 2 1/2 inches thick broken off. lightning caused numerous fires in town.										
Lake County										
Arlee	15	2020MST			0	0				Tstm Wind/Hail
52 knot wind gust with pea sized hail and heavy rain										
Lake County										
Ronan-St. Ignatius	15	2100MST			0	0				Thunderstorm Wind (G52)
strong wind caused downed power lines from Ronan to St. Ignatius, lightning caused numerous grass fires.										
Missoula County										
Missoula	15	2130MST			0	0				Thunderstorm Wind (G52)
tree fell on house and damaged roof in Missoula. winds gusted from 55 to 60 mph. power lines fell down throughout the city.										
Ravalli County										
Conner	16	1519MST			0	0				Tstm Wind/Hail
3/4 inch hail at Conner										
Ravalli County										
Corvallis	16	1600MST			0	0				Tstm Wind/Hail
3/4 inch hail at Corvallis										
Missoula County										
Potomac	16	1640MST			0	0				Tstm Wind/Hail
1 inch hail at Potomac while strong wind blew some shingles off roof										
Missoula County										
Clearwater Crossing	16	1645MST			0	0				Tstm Wind/Hail

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>MONTANA, West</u>									
	1/2 to 3/4 inch hail at clearwater crossing in eastern missoula county.								
Missoula County Missoula	16	1745MST 1800MST			0	0			Tstm Wind/Hail
	3/4 to 1 inch hail at big flat (just southwest of Missoula) and on north side of town								
Missoula County Pattee Canyon	16	1755MST			0	0			Tstm Wind/Hail
	1 inch hail at pattee canyon								
Missoula County Evaro to Arlee	16	1812MST 1820MST			0	0			Tstm Wind/Hail
	dime sized and mothball sized hail at evaro and arlee								
Lake County Ronan to Polson	16	1850MST 1915MST			0	0			Tstm Wind/Hail
	marble to golf ball sized hail, power poles snapped in half, pine trees uprooted, 64 foot roof of barn torn off. Uprights were ripped from the ground and half the roof was tossed into the pasture behind the barn. A parked car was crushed by a fallen tree.								
Missoula County Huson-Nine Mile Area	16	1955MST			0	0			Tstm Wind/Hail
	3/4 to 1 1/4 inch hail								
Powell County Helmville	25	2102MST			0	0			Hail (1.00)
	one inch hail reported in helmville								
<u>NEBRASKA, Central</u>									
Cherry County 19 S Valentine	04	1600CST			0	0			Hail (1.00)
Keith County Brule	04	1645MST			0	0			Hail (0.75)
Rock County Bassett	04	1700CST			0	0			Hail (0.88)
Cherry County 15 W Elsmere	04	1700CST			0	0			Hail (1.75)
Blaine County 1 SE Halsey	04	1725CST			0	0			Hail (0.75)
Thomas County 12 ENE Thedford	04	1725CST			0	0			Hail (0.88)
Thomas County 11 E Thedford	04	1743CST			0	0			Hail (1.25)
Thomas County 11 E Thedford	04	1758CST			0	0			Hail (1.25)
Lincoln County 10 NNW North Platte	04	1830CST			0	0			Hail (1.00)
Logan County 12 N Stapleton	04	1830CST			0	0			Hail (0.88)
Thomas County 14 S Thedford	04	1845CST			0	0			Hail (1.75)
Logan County 5 E Gandy	04	1900CST			0	0			Hail (1.75)
Logan County 8 E Stapleton	04	1905CST			0	0			Hail (1.75)
Logan County 9 N Stapleton	04	1905CST			0	0			Hail (1.75)
Lincoln County 1 W North Platte	04	1910CST			0	0			Hail (1.00)
Lincoln County 25 NE North Platte	04	1910CST			0	0			Hail (1.00)
Logan County 5 SE Stapleton	04	1910CST			0	0			Hail (0.88)
Custer County 9 SSW Arnold	04	1930CST			0	0			Hail (0.88)
Lincoln County 27 ENE North Platte	04	1938CST			0	0			Hail (1.00)
Logan County 4 N Stapleton	04	1950CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
NEBRASKA, Central										
Logan County 5 W Stapleton	04	2000CST			0	0			Hail (1.00)	
Lincoln County 22 NE North Platte	04	2015CST			0	0			Hail (1.00)	
Lincoln County Brady	04	2050CST			0	0			Hail (1.75)	
Lincoln County 6 E Maxwell	04	2050CST			0	0			Hail (2.75)	
Lincoln County 10 S Brady	04	2112CST			0	0			Hail (0.88)	
Garden County 8 NE Oshkosh	05	2000MST			0	0		2M	Hail (1.75)	
PEA SIZED TO BASEBALL SIZED HAIL DESTROYED WHEAT, ALFALFA AND CORN FIELDS ACROSS GARDEN COUNTY.										
Garden County 2 N Lewellen	05	2018MST			0	0			Hail (2.50)	
Keith County 21 NW Ogallala to 19 NW Ogallala	05	2025MST 2029MST	2	200	0	0	250K		Tornado (F1)	
TORNADO TOUCHED DOWN ON WEST END OF LAKE MCCONAUGHY. DESTROYED TWO MOBILE HOMES. DAMAGED ONE HOME AND ONE FARMSTEAD. UPROOTED MANY LARGE TREES.										
Keith County 21 NW Ogallala	05	2035MST			0	0		2M	Hail (2.75)	
LARGE HAIL DESTROYED CROPS OVER KEITH COUNTY.										
Keith County Ogallala	05	2050MST			0	0			Hail (1.00)	
Keith County 5 N Ogallala	05	2100MST			0	0			Hail (1.75)	
Sheridan County Antioch	05	2110MST			0	0			Hail (0.88)	
Keith County 10 E Ogallala	05	2115MST			0	0			Hail (1.00)	
Sheridan County 3 W Lakeside	05	2120MST			0	0			Hail (0.75)	
Perkins County 5 N Madrid	05	2120MST 2121MST	0.1	20	0	0			Tornado (F0)	
SPOTTER REPORTED A BRIEF TORNADO TOUCHDOWN.										
Perkins County 10 S Paxton	05	2123MST			0	0		3M	Hail (1.00)	
WHEAT FIELDS AND CORN FIELDS ACROSS PERKINS COUNTY WERE DESTROYED BY A SERIES OF STORMS WHICH PASSED OVER THE COUNTY THE NIGHT OF JUNE 5 - JUNE 6. SEVERAL MILLION DOLLARS IN CROP DAMAGE WAS DONE BY A COMBINATION OF LARGE HAIL AND HIGH WINDS.										
Garden County 7 S Lakeside	05	2130MST			0	0			Hail (1.00)	
Keith County 10 NW Ogallala	05	2130MST			0	0			Hail (1.75)	
Perkins County 10 S Paxton	05	2130MST			0	0			Hail (1.00)	
Garden County 23 NE Oshkosh	05	2205MST			0	0			Hail (1.00)	
Arthur County 10 SW Arthur	05	2230MST			0	0			Hail (1.00)	
Lincoln County Wallace	05	2235CST			0	0			Hail (1.75)	
Keith County Roscoe	05	2300MST			0	0			Hail (1.00)	
Perkins County 11 SW Paxton	05	2300MST			0	0			Hail (1.00)	
Hayes County 13 NE Hayes Center	05	2330CST			0	0			Hail (0.75)	
Perkins County 10 S Paxton	05	2330MST			0	0			Hail (1.00)	
Hayes County 8 E Hayes Center	05	2340CST			0	0			Hail (1.75)	

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		
<u>NEBRASKA, Central</u>										
Frontier County										
17 N Mc Cook	05	2355CST			0	0			Hail (1.75)	
Lincoln County										
45 SW North Platte	06	0010CST			0	0			Hail (1.00)	
Keith County										
2 ESE Paxton	06	0030MST			0	0			Hail (0.75)	
Perkins County										
5 NW Madrid	06	0045MST			0	0	5K		Thunderstorm Wind	
		POWER LINES DOWN								
Perkins County										
5 NW Madrid	06	0045MST			0	0	10K		Thunderstorm Wind	
		POWER LINES BLOWN DOWN								
Lincoln County										
8 NNE Wellfleet	06	0055CST			0	0	75K		Hail (2.75)	
		DOWNBURST WINDS DAMAGED THREE GRAINBINS. WIND DRIVEN HAIL UP TO BASEBALL SIZE CAUSED EXTENSIVE DAMAGE TO FARM BUILDINGS.								
Chase County										
10 ESE Imperial	06	0100MST			0	0			Hail (1.00)	
Lincoln County										
35 SE North Platte	06	0115CST			0	0			Hail (1.00)	
Frontier County										
7 W Maywood	06	0130CST			0	0			Hail (1.75)	
Hayes County										
15 SW Hayes Center	06	0145CST			0	0			Hail (1.00)	
Lincoln County										
10 S North Platte	06	0209CST			0	0			Thunderstorm Wind (G51)	
Chase County										
9 SW Champion	10	2210MST			0	0			Hail (1.00)	
Keya Paha County										
2 W Springview	11	1425CST			0	0			Hail (0.88)	
Brown County										
7 NW Ainsworth	11	1430CST			0	0			Hail (1.00)	
Keya Paha County										
3 W Springview	11	1435CST			0	0			Hail (0.88)	
Keya Paha County										
3 E Springview	11	1440CST			0	0			Hail (1.25)	
Keya Paha County										
10 E Springview	11	1440CST			0	0			Hail (1.00)	
Keya Paha County										
Burton	11	1510CST			0	0			Hail (0.88)	
Brown County										
17 S Ainsworth	11	1540CST			0	0			Hail (2.50)	
Cherry County										
8 NE Mullen	11	1640CST			0	0			Hail (0.75)	
Cherry County										
5 SW Wood Lake	11	1717CST			0	0			Hail (0.75)	
Grant County										
18 SW Hyannis	11	1800MST			0	0			Hail (0.88)	
Arthur County										
18 NW Arthur	11	1805MST			0	0			Hail (0.88)	
Cherry County										
17 S Valentine	11	1825CST			0	0			Hail (1.75)	
Keith County										
2 WNW Keystone	11	1925MST			0	0			Hail (1.75)	
Cherry County										
Brownlee	11	1938CST			0	0			Hail (0.88)	
Keith County										
3 NE Roscoe	11	1945MST			0	0			Hail (0.75)	
Perkins County										
2 SSE Madrid	11	2030MST			0	0			Hail (0.88)	
Chase County										
8 NE Imperial	11	2055MST			0	0			Hail (1.00)	
Chase County										
Enders	11	2105MST			0	0			Hail (1.00)	
Hayes County										
12 WNW Hayes Center	11	2220CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
NEBRASKA, Central									
Cherry County 22 N Mullen	13	1305MST			0	0			Hail (0.88)
Cherry County 12 N Mullen	13	1415MST			0	0			Hail (0.75)
Cherry County 9 NE Mullen	13	1530MST			0	0			Hail (0.75)
Hooker County 16 N Tryon	13	1615MST			0	0			Hail (2.50)
Hooker County 2 W Mullen	13	1640MST			0	0			Hail (1.00)
Hooker County 6 SW Mullen	13	1730MST			0	0			Hail (1.75)
Mcperson County 6 N Tryon	13	1810CST			0	0			Hail (2.75)
Mcperson County 4 SE Tryon	13	1830CST			0	0			Hail (1.00)
Mcperson County 4 SE Tryon	13	1910CST			0	0			Hail (1.00)
Lincoln County 9 N North Platte	13	1915CST			0	0			Hail (0.75)
Lincoln County 5 SW North Platte	13	2000CST			0	0	5K	1.3M	Hail (1.75)
Lincoln County 12 S North Platte	13	2017CST			0	0			Hail (0.88)
Lincoln County 6 W North Platte	13	2018CST			0	0			Hail (4.50)
Lincoln County 15 SW North Platte	13	2045CST			0	0			Hail (0.75)
Lincoln County 8 N Dickens	13	2110CST			0	0			Hail (0.75)
Perkins County Grant	18	0100MST			0	0			Dry Microburst
		MACRO/MICROBURST PRODUCED WINDS TO 75 MPH IN GRANT WITH TEMPERATURES CLIMBING FROM THE 60S TO THE LOW 80S IN A MATTER OF MINUTES.							
Sheridan County 8 S Gordon to 7 SSE Gordon	18	1452MST 1456MST	1.5	50	0	0			Tornado (F0)
		LANDSPOUT-TYPE VORTEX INTERMITTENTLY ON THE GROUND FOR SEVERAL MINUTES OVER OPEN RANGELAND.							
Sheridan County 15 NE Ellsworth	18	1515MST			0	0			Thunderstorm Wind (G55)
		SEVERAL LARGE TREE BRANCHES DOWN							
Sheridan County 11 SSW Gordon to 10 S Gordon	18	1520MST 1523MST	1	50	0	0			Tornado (F0)
		LANDSPOUT-TYPE VORTEX ON THE GROUND FOR 3 MINUTES OVER OPEN RANGELAND.							
Cherry County 6 E Merriman	18	1615MST			0	0			Hail (0.75)
Cherry County Eli	18	1630MST			0	0			Hail (0.75)
Sheridan County Lakeside	18	1650MST			0	0			Hail (1.50)
Sheridan County Lakeside	18	1700MST			0	0			Hail (0.75)
Grant County 24 S Ashby	18	1830MST			0	0			Hail (1.75)
Hooker County 7 W Mullen	18	1900MST			0	0			Hail (0.75)
Holt County 18 N Atkinson	19	1248CST			0	0			Hail (2.00)
Holt County 8 NW O Neill to 5 NW O Neill	19	1328CST 1340CST	3	350	0	0	1M		Tornado (F2)
		TORNADO ON THE GROUND FOR 3 MILES. THREE FARMSTEADS HEAVILY DAMAGED. THREE HEAD OF LIVESTOCK KILLED. HEAVY DAMAGE TO LARGE POWER TRANSMISSION LINE. CENTER PIVOT IRRIGAION							

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
June 1996									
<u>NEBRASKA, Central</u>									
SYSTEM DESTROYED.									
Holt County 8 NNW O Neill	19	1345CST			0	0			Hail (1.75)
Holt County 4 SE O Neill	19	1400CST			0	0			Hail (0.88)
Holt County 7 NNE Page to 5 NNE Page	19	1410CST 1420CST	3	200	0	0	250K		Tornado (F1)
TORNADO INTERMITTENTLY ON THE GROUND FOR APPROXIMATELY 3 MILES WITH MINOR DAMAGE TO TWO FARMS AND HEAVY DAMAGE TO ANOTHER.									
Boyd County 5 E Spencer	19	1410CST			0	0			Hail (0.75)
Holt County 3 N Ewing	19	1435CST			0	0			Hail (1.50)
Mcperson County Tryon	20	0215CST			0	0			Hail (0.88)
Logan County 15 NE Stapleton	20	0245CST			0	0			Hail (0.75)
Blaine County 5 W Brewster	20	0320CST			0	0			Hail (0.75)
Loup County 14 NW Taylor	20	0340CST			0	0			Hail (0.75)
Garfield County 28 NE Burwell	20	0400CST			0	0			Hail (1.00)
Custer County 2 NW Sargent	20	0415CST			0	0			Hail (0.75)
Holt County Chambers	20	0435CST			0	0			Hail (0.88)
Wheeler County 8 NW Bartlett	20	0445CST			0	0			Hail (0.75)
Custer County 6 N Sargent	20	0500CST			0	0			Hail (1.00)
Holt County 15 NE Chambers	20	0520CST			0	0			Hail (0.88)
Loup County 4 E Taylor	20	0529CST			0	0			Hail (3.00)
Garfield County Burwell	20	0545CST			0	0			Hail (0.75)
Lincoln County 2 SW Wellfleet	20	2355CST			0	0			Hail (0.75)
Frontier County Curtis	21	0020CST			0	0			Hail (0.88)
Custer County 1 SW Mason City	21	0110CST			0	0			Hail (0.75)
Frontier County 12 S Curtis	21	0120CST			0	0			Hail (1.00)
<u>NEBRASKA, East</u>									
Douglas County Valley	12	1240CST			0	0	80K		Dry Microburst
Winds gusting to 92 miles per hour were measured at the Omaha/Valley National Weather Service. Ten power poles snapped in front of the office, the roof was torn off a Valley convenience store, damage was done to several center-pivot irrigation systems, and there were trees uprooted in a 1 mile radius of the National Weather Service Office.									
Douglas County Omaha	12	1310CST			0	0			Thunderstorm Wind (G61)
Saunders County Wann	12	1330CST			0	0	10K		Dry Microburst
Winds gusting to 80 mph lifted a 30 foot by 40 foot roof off a utility shed on a farmstead in Wann. In addition to tree damage, corn cribs on another farmstead were moved 10 feet off their foundation.									
Cass County Weeping Water	12	1450CST			0	0	5K		Dry Microburst
Winds gusting to 80 mph resulted in downed power lines, numerous tree limbs down, and damage to the roof and garage of a home.									
Jefferson County Fairbury	12	1500CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>NEBRASKA, East</u>										
Saline County Wilber	12	1600CST			0	0			Thunderstorm Wind (G62)	
Knox County 3 E Creighton	14	1455CST			0	0		2M	Hail (0.75)	
Hail covered the ground for a depth of two inches. Wind driven hail resulted in 2 million dollars worth of damage to soybeans, alfalfa, oats, and corn. The path was four miles long and two miles wide, just east of Creighton.										
Knox County Creighton	14	1500CST 2000CST			0	0			Flash Flood	
Heavy rain fell over much of eastern Knox County, with water reported over the roads near Creighton.										
Knox County 5 SE Creighton	14	1503CST			0	0			Thunderstorm Wind (G52)	
Seward County Goehner	15	1500CST			0	0	250K		Lightning	
Lightning destroyed a landmark church in Goehner.										
Dodge County 7 N Fremont	15	1658CST			0	0			Thunderstorm Wind (G56)	
Knox County 17 SW Verdigre to 17.5 SW Verdigre	19	1430CST	0.5	20	0	0			Tornado (F0)	
A tornado briefly touched down in southwest Knox County.										
Antelope County Orchard to 1 E Royal	19	1440CST 1455CST	6	20	0	0	25K		Tornado (F0)	
A tornado made brief touchdowns between Orchard and just east of Royal. The tornado did partial damage to three farmsteads, flattened trees and powerlines, and upended irrigation systems in its path.										
Antelope County Orchard	19	1443CST			0	0	150K		Hail (1.75)	
Antelope County 9 N Neligh	19	1515CST			0	0	50K		Hail (1.75)	
Antelope County 9 N Neligh	19	1515CST			0	0			Thunderstorm Wind (G52)	
Thunderstorm winds downed large tree limbs.										
Madison County 1 S Battle Creek	19	1528CST			0	0			Funnel Cloud	
Pierce County 8 SW Pierce	19	1545CST			0	0			Funnel Cloud	
Madison County 1 SW Battle Creek	19	1555CST			0	0			Hail (1.75)	
Cuming County 6 WNW West Pt	19	1749CST			0	0			Funnel Cloud	
High based funnel on the north side of the main thunderstorm cell. Seen and videotaped by storm chaser.										
Cedar County 1 SE Wynot	19	1835CST			0	0			Hail (0.88)	
Cuming County Beemer to .3 E Beemer	20	1705CST 1715CST	0.3	30	0	0	45K		Tornado (F1)	
A tornado touched down in the Beemer area, damaging two homes and a car in Beemer, flattening buildings, and downing several trees. The roof was also taken off a 100 foot long cattle shed.										
Stanton County Stanton	20	1720CST			0	0			Hail (1.75)	
Dodge County Snyder	20	1721CST			0	0			Hail (0.88)	
Dodge County Snyder to 2 SE Snyder	20	1721CST			0	0	5K		Thunderstorm Wind (G61)	
Strong winds peeled off part of a business building's roof in Snyder.										
Stanton County 15 SE Stanton	20	1730CST 1745CST	0.1	30	0	0	30K		Tornado (F0)	
A tornado did damage to outbuildings and a barn 15 miles southeast of Stanton. Spotters were able to see the funnel for several minutes.										
Cuming County 8 W West Pt to 6 W West Pt	20	1735CST 1738CST			0	0			Hail (2.00)	
Colfax County Howells	20	1740CST	0.1	20	0	0	20K		Tornado (F0)	

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996	
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm		
NEBRASKA, East											
	A brief tornado touchdown destroyed a barn near Howells.										
Colfax County Howells	20	1740CST			0	0			Hail (1.75)		
Dodge County 2 N Hooper	20	1747CST			0	0			Thunderstorm Wind (G61)		
Dodge County Snyder	20	1750CST 1755CST			0	0			Hail (1.75)		
Cuming County 1.5 E Wooldrik	20	1805CST			0	0			Hail (1.00)		
Dodge County Uehling to 5 NE Winslow	20	1827CST 1838CST			0	0			Hail (2.50)		
Dodge County 5.5 W Scribner to 5 W Scribner	20	1900CST 1930CST	0.5	60	0	0	300K		Tornado (F1)		
	A dozen farmsteads suffered damage as a tornado touched down south of Snyder and west of Scribner. The most significant damage was 5.5 miles west of Scribner, where six farm buildings were lost.										
Cuming County 1.5 E Wooldrik to 1.5 E Wookdrik	20	1900CST			0	0	500K		Hail (2.00)		
Dodge County 3 NE Hooper	20	1904CST			0	0			Funnel Cloud		
Dodge County Dodge	20	1904CST			0	0			Hail (0.75)		
Dodge County Snyder	20	1921CST			0	0			Hail (0.88)		
Dodge County Snyder	20	1921CST			0	0			Thunderstorm Wind (G61)		
	Thunderstorm winds downed trees in Snyder.										
Dodge County Winslow to Hooper	20	1939CST 1947CST			0	0		10M	Hail (2.75)		
	Large hail did considerable damage to 45,000 acres of crops from Hooper to Fremont.										
Colfax County Schuyler	20	1953CST			0	0			Hail (1.00)		
Dodge County 3 W Snyder	20	2001CST			0	0			Hail (1.00)		
Colfax County .8 N Rogers	20	2014CST	0.1	1	0	0			Tornado (F0)		
	A tornado briefly touched down near Rogers.										
Washington County 4 N Arlington to .3 NE Arlington	20	2030CST	0.3	100	0	0	300K		Tornado (F1)		
	A tornado touched down north of Arlington and damaged St. Paul's Lutheran Church and School and eight nearby farmsteads.										
Washington County 2 W Blair	20	2032CST			0	0			Hail (2.75)		
Douglas County Valley	20	2032CST			0	0			Thunderstorm Wind (G69)		
Dodge County 4 S Hooper to Fremont	20	2035CST 2045CST			0	0	10M	12M	Hail (2.75)		
	Large hail did considerable damage to thousands of acres of crops from Hooper to Fremont. Estimates of 4,000 homes and countless vehicles had damage from the winds and hail.										
Dodge County 3 W Fremont to .1 S Fremont	20	2045CST 2050CST	3	30	0	0	50K		Tornado (F1)		
	A tornado touched down in the Fremont area and did the most significant damage in the Fremont Lakes recreation area. While sending 30 campers to a brick shelter, a tornado did damage to 5 camping trailers and resulted in several downed trees.										
Dodge County Fremont	20	2100CST			0	0			Hail (2.75)		
Colfax County Howells	20 21	2100CST 0100CST			0	0			Flash Flood		
	Heavy rains of 2 to 6 inches fell over Colfax, Dodge, and southern Cuming Counties.										

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEBRASKA, East									
Cuming County									
West Pt	20	2100CST			0	0			Flash Flood
	21	0100CST							
Heavy rains of 2 to 6 inches fell over Colfax, Dodge, and southern Cuming Counties.									
Dodge County									
Scribner	20	2100CST			0	0			Flash Flood
	21	0100CST							
Heavy rains of 2 to 6 inches fell over Colfax, Dodge, and southern Cuming Counties.									
Washington County									
3 N Arlington	20	2101CST			0	0			Thunderstorm Wind (G69)
Platte County									
11 N Columbus	20	2103CST			0	0			Funnel Cloud
Colfax County									
Rogers	20	2103CST			0	0			Hail (1.00)
Saunders County									
Prague	20	2140CST	0.1	2	0	0			Tornado (F0)
Brief tornado touchdown reported at Prague.									
Washington County									
3 N Arlington	20	2145CST			0	0			Hail (2.50)
Butler County									
Octavia to Abie	20	2145CST			0	0	6.7M		Hail (2.00)
		2210CST							
Wind driven hail cut corn stalks to the ground. Damage was reported to thousands of acres of corn, soybeans, sorghum, and wheat in Butler County.									
Saunders County									
Prague	20	2200CST			0	0			Hail (0.75)
Butler County									
6 N David City	20	2200CST			0	0			Thunderstorm Wind (G69)
Douglas County									
Elkhorn	20	2200CST			0	0	2K		Hail (2.75)
Large hail in Elkhorn resulted in broken car windows.									
Butler County									
Abie	20	2210CST	0.3	30	0	0	150K		Tornado (F1)
A tornado touched down and took the roof off the Abie Auditorium. At least 10 farm structures were damaged and 5 center pivot irrigation systems were damaged.									
Butler County									
David City	20	2220CST			0	0			Thunderstorm Wind (G52)
Butler County									
Loma	20	2230CST	0.1	20	0	0	10K		Tornado (F0)
A brief tornado touchdown did some roof damage in rural Loma.									
Lancaster County									
2 S Raymond to 2 N Raymond	20	2252CST			0	0			Thunderstorm Wind (G52)
		2317CST							
Saunders County									
Valparaiso	20	2300CST			0	0			Hail (1.25)
		2330CST							
Butler County									
Octavia	20	2300CST			0	0			Flash Flood
	21	0400CST							
Heavy rains of 3 to 6 inches fell with flooding reported near Otavia.									
Saunders County									
Prague	20	2300CST			0	0			Flash Flood
	21	0400CST							
Heavy rains of 3 to 6 inches fell over Saunders County.									
Saunders County									
2.5 N Valparaiso	20	2310CST			0	0			Thunderstorm Wind (G61)
Thunderstorm winds downed trees 2.5 miles north of Valparaiso.									
Lancaster County									
6 E Lincoln	20	2340CST			0	0			Thunderstorm Wind (G74)
A wind gust overturned a semi-trailer at Hwy 77 and Interstate 80.									
Cuming County									
West Pt	21	0045CST			0	0			Hail (1.00)
Sarpy County									
Bellevue to Gretna	21	0046CST			0	0			Hail (1.00)
		0103CST							
Washington County									
Blair	21	0112CST			0	0			Thunderstorm Wind (G56)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
KilledInjuredProperty									
June 1996									
<u>NEBRASKA, East</u>									
Saunders County									
Ashland	21	0230CST			0	0	3K		Lightning
			Lightning struck a barn and did \$3,000 worth of damage.						
NEZ051	Saunders								
	22	0000CST			0	0	30K		Flood
	24	0600CST							
			Heavy rains of 3 to 6 inches from the 19th through the 23rd, resulted in flooding of the Wahoo Creek at Ithaca. Flooding damage to roads was estimated at \$30,000.						
NEZ044	Dodge								
	22	0000CST			0	0	3.6M		Flood
	23	2300CST							
			Heavy rains from 3 to 6 inches from the 19th through the 23rd, resulted in 19,000 acres of land being flooded. Agricultural damage was estimated at 3.6 million.						
Sarpy County									
2 NE Gretna	23	0000CST			0	0			Thunderstorm Wind (G54)
Saunders County									
Wahoo	23	0000CST 0500CST			0	0			Flash Flood
			Rains of 1 to 2 inches fell over already saturated grounds in Saunders County, where streams and rivers were running high.						
Washington County									
Kennard	23	0100CST 0700CST			0	0			Flash Flood
			Rains of 2 to 3 inches fell over much of Washington County, pushing the Bell and Big Papio Creeks out of banks.						
Cass County									
10 S Louisville	23	1430CST	0.2	5	0	0			Tornado (F0)
			A tornado briefly touched down on Hwy 50 in Cass County, flipping a truck and camper into a ditch.						
Cass County									
Plattsmouth	23	1445CST			0	0			Funnel Cloud
Cass County									
Plattsmouth	23	1505CST			0	0			Thunderstorm Wind (G52)
<u>NEBRASKA, Extreme Northeast</u>									
Dixon County									
3 N Newcastle	19	1912CST			0	0			Hail (1.75)
Dakota County									
Homer	20	1320CST			0	0			Hail (1.75)
Dixon County									
2 S Newcastle	20	2005CST			0	0	5K		Hail (1.75)
			Hail damaged cars.						
<u>NEBRASKA, Extreme Southwest</u>									
Red Willow County									
10 N Mc Cook	06	0015CST			0	0			Hail (1.75)
Red Willow County									
Mc Cook	06	0020CST			0	0			Hail (0.75)
Red Willow County									
Bartley	06	0027CST			0	0			Hail (1.00)
Red Willow County									
10 N Mc Cook	06	0030CST			0	0			Hail (1.75)
Hitchcock County									
Trenton	06	0250CST			0	0			Hail (3.00)
			HAIL AND WINDS UP TO 60 MPH DAMAGED WINDSHIELDS, WINDOWS, ROOFS, AND CROPS.						
Hitchcock County									
4 NW Trenton	11	2245CST			0	0			Hail (1.00)
Hitchcock County									
2 W Trenton	21	0102CST			0	0			Hail (1.00)
<u>NEBRASKA, South Central</u>									
Furnas County									
Cambridge	06	0220CST			0	0	5K	100K	Hail (1.00)
Furnas County									
Beaver City	06	0240CST			0	0	5K	500K	Hail (1.25)
Furnas County									
10 SE Beaver City	06	0250CST			0	0	500K		Thunderstorm Wind (G65)
			A severe thunderstorm developed northwest of Beaver City and moved southeast. Large hail was driven by strong winds that destroyed most wheat fields in its path.						
Harlan County									
2 N Alma	12	0200CST			0	0	400K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
NEBRASKA, South Central									
Franklin County 6 N Bloomington	12	0222CST			0	0	400K		Hail (0.75)
A severe thunderstorm moved across Harlan and Franklin Counties producing hail up to 1 inch in diameter.									
York County 2 E York	12	1345CST			0	0	20K	100K	Thunderstorm Wind (G60)
Furnas County 2 SW Edison	14	1743CST			0	0		150K	Hail (0.75)
Furnas County 9 S Edison	14	1830CST			0	0		100K	Hail (0.75)
Furnas County Various Locations	15	1700CST 2300CST			0	0	180K		Urban/Sml Stream Fld
Phelps County Various Locations	15	1700CST 2300CST			0	0			Urban/Sml Stream Fld
Dawson County Various Locations	15	1700CST 2300CST			0	0			Urban/Sml Stream Fld
Buffalo County Various Locations	15	1700CST 2300CST			0	0			Urban/Sml Stream Fld
Gosper County Various Locations	15	1700CST 2300CST			0	0	23K		Urban/Sml Stream Fld
Thunderstorms produced rainfalls of 2 to 3 inches causing some flooding to occur. A bridge over Turkey Creek, northeast of Arapahoe, collapsed.									
Gosper County Smithfield	21	0230CST			0	0	500K		Lightning
Lightning struck the St. Johns Catholic Church and started it on fire. The resulting fire completely destroyed the building.									
Hall County Doniphan	21	0312CST			0	0	5K	100K	Hail (0.75)
Adams County 2 W Hastings	21	0330CST			0	0		50K	Hail (0.75)
York County Mc Cool Jct	26	1605CST			0	0	1K		Thunderstorm Wind (G55)
Strong winds caused tree damage in McCool Junction. Several limbs up to 8 inches in diameter fell due to the wind.									
Thayer County 2 W Hebron	26	1640CST			0	0		75K	Hail (0.75)
Thayer County Chester	26	1655CST			0	0	10K	50K	Thunderstorm Wind (G50)
NEBRASKA, West									
Morrill County 14 SW Alliance	05	1903MST 1908MST			0	0			Hail (1.75)
Box Butte County 7 W Hemingford	05	2025MST 2030MST			0	0			Hail (1.50)
Box Butte County 22 W Alliance	05	2037MST 2041MST	0.2	50	0	0			Tornado (F0)
A tornado caused some broken windows.									
Morrill County 4 N Bridgeport to 5 N Bridgeport	05	2040MST 2048MST	0.5	100	0	0	20K		Tornado (F1)
A tornado caused extensive damage to two farms between 4 and 5 miles north of Bridgeport. A barn was destroyed and a number of trees were downed.									
Box Butte County Alliance	05	2050MST 2100MST			0	0	200K	100K	Hail (1.75)
Large hail and frequent lightning occurred from four miles west of Alliance to Alliance. In that area, many cars were damaged. House windows were broken and some roofs were damaged as well. Lightning caused power to be out for an hour in about one third of Alliance. Lightning also struck a few trees, causing some damage.									

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>NEBRASKA, West</u>									
Morrill County 10 S Alliance	05	2110MST 2114MST	0.4	50	0	0			Tornado (F0)
Scotts Bluff County Lyman	05	2201MST 2206MST			0	0			Hail (1.75)
Scotts Bluff County Henry	10	2302MST 2306MST			0	0			Hail (1.00)
Box Butte County 5 S Alliance	22	1914MST 1918MST			0	0			Hail (1.00)
<u>NEVADA, North</u>									
Elko County Oasis	12	1653PST			0	0			Thunderstorm Wind (G56)
Elko County Elko	16	1642PST 1643PST			0	0			Thunderstorm Wind (G51)
DRY MICROBURST WINDS TO 51 KNOTS AT ELKO NWS OFFICE									
Elko County Elko	16	1744PST 1745PST			0	0			Thunderstorm Wind (G52)
SECOND DRY MICROBURST WINDS TO 52 KNOTS AT NWS OFFICE									
Elko County Contact	21	1725PST			0	0			Hail (1.00)
<u>NEVADA, South</u>									
Clark County 20 S Las Vegas	01	1230PST 1235PST			1	0			Whirlwind
A sky diver inadvertently crossed paths with a dust devil which aused his parachute to collapse about 30 feet above the ground. The man died from injuries sustained in the resulting fall. M39OU									
Clark County 5 NE Las Vegas to 5.5 NE Las Vegas	25	1400PST 1410PST			0	0	5K		Whirlwind
Strong winds from a dust devil ripped through a mobile home park in North Las Vegas tearing awnings and shingles from residences and hurling them hundreds of feet through the air.									
<u>NEVADA, West</u>									
NONE REPORTED.									
<u>NEW HAMPSHIRE, North and Central</u>									
Belknap County Meredith	05	1345EST			0	0			Hail (0.75)
Dime sized hail fell on the town of Meredith as a severe thunderstorm developed over the area.									
Coos County Shelburne to Milan	12	1100EST 1700EST			0	0	5K		Flash Flood
Thunderstorms moved across northern New Hampshire resulting in 4 inches of rain. Roads were washed out as runoff flowed down very steep terrain. Culverts and storm drains were overburdened resulting in water flowing over roadways.									
Rockingham County Londonderry	14	0025EST			0	0	1K		Lightning
Lightning struck an exterior wire and lighting system mounted near the roof of a Londonderry house causing a fire to break out in the attic. Firefighters were able to extinguish the blaze quickly, limiting the damage to the attic and one room.									
<u>NEW HAMPSHIRE, Southern</u>									
Cheshire County Swanzey	13	1522EST			0	0			Thunderstorm Wind (G50)
Trees and wires were reported blown down.									
Cheshire County Keene	13	1530EST			0	0	2K		Lightning
Cheshire County Marlborough	13	1615EST			0	0	3K		Thunderstorm Wind (G50)
Lightning started four fires in Keene and power was knocked out to several thousand electric customers. Wind damage was reported in Marlborough and power lines were knocked down.									
<u>NEW JERSEY, Northeast</u>									
Bergen County Countywide	03	0700EST 1900EST			0	0			Urban/Sml Stream Fld

Storm Data and Unusual Weather Phenomena

[illegible]

NEW JERSEY, Northeast

Essex County					
Countywide	03	0700EST	0	0	Urban/Sml Stream Fld
		1900EST			
Hudson County					
Countywide	03	0700EST	0	0	Urban/Sml Stream Fld
		1900EST			
Passaic County					
Countywide	03	0700EST	0	0	Urban/Sml Stream Fld
		1900EST			
Union County					
Countywide	03	0700EST	0	0	Urban/Sml Stream Fld
		1900EST			

A low pressure system off the Southeast U.S. Coast moved northwest toward the Mid-Atlantic Coast. Blocked by a high pressure system to its northeast, the low turned north and weakened as it passed just east of New York City before dawn on Tuesday, June 4th.

Heavy rain caused widespread urban flooding (of low-lying and poor drainage areas), including street flooding. Several traffic accidents occurred as a result of "slick" roads.

In Essex County, the roof of a car was barely visible as it floated under the McClellan Street underpass in Newark. Urban flooding also closed a section of McCarter Highway near Third Ave. and a portion of Frelinghuysen Ave. near McClellan Street.

Here are some specific rainfall amounts:

- o For Passaic County - 2.97 inches at Wayne.
- o For Bergen County - from 2.52 inches at Saddle River to 2.79 inches at River Vale.
- o For Essex County - from 2.65 inches at Newark Airport to 3.02 inches at West Orange.
- o For Union County - 3.46 inches at Elizabeth.

Union County					
Westfield	11	1445EST	0	0	Thunderstorm Wind
Essex County					
Millburn	11	1455EST	0	0	Thunderstorm Wind

With moist unstable air in place, scattered severe thunderstorms formed in advance of an approaching weak trough of low pressure.

As thunderstorms moved north around 20 kts, they produced high winds that knocked down power lines and tree limbs.

NEW JERSEY, South and Northwest

Middlesex County					
Sayreville	11	1415EST	0	0	Thunderstorm Wind (G51)

A severe thunderstorm produced wind gusts to 60 mph in Sayreville. It also knocked over a few trees in nearby Metuchen.

Middlesex County						
Northeast	11	1545EST 1730EST		0	0	Flash Flood

Very heavy rain caused considerable urban and some small stream flooding in northeastern Middlesex County. Sections of New Jersey State Route 35 were so badly flooded, they had to be closed. Many underpasses were inundated in Woodbridge and at the Metropark Train Station.

Middlesex County					
Woodbridge	11	1550EST	0	0	Lightning

A lightning strike apparently started a storage tank fire at a Chevron refinery in Woodbridge. Precautionary evacuations were made within a four block radius of the tank. No other structures were damaged and no one was injured.

Hunterdon County					
Flemington Jct	12	1603EST	0	0	Thunderstorm Wind

A severe thunderstorm downed trees in Raritan Boro.

Mercer County					
Ewing Township	12	1628EST	0	0	Hail (1.00)

Mercer County Countywide	12	1630EST	0	0	Thunderstorm Wind (G52)
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A severe thunderstorm caused wind damage in Ewing, Hamilton, Northern Trenton and West Windsor Townships in Mercer County. A wind gust to 60 mph was measured in Ewing along with quarter size hail. In West Windsor, a half dozen poles were

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property Crops		Character of Storm
Killed	Injured									

NEW JERSEY, South and Northwest

toppled and several homes were damaged. Trees were uprooted in northern Trenton. In Hamilton Township the severe thunderstorm uprooted several trees and blew away a screened in pool. Public Service Electric and Gas reported about 6,000 homes lost power.

Middlesex County

Cranbury

12 1740EST

0

0

Hail (1.00)

Mercer County

Western

12 1800EST
13 0700EST

0

0

8M

Flash Flood

Nearly stationary thunderstorms dropped between 3.5 and 7.6 inches of rain within four hours in western Mercer County. This caused widespread flash flooding throughout the area. Nearly every roadway was flooded. The 7.6 inches of rain represents about a daily one hundred year storm. No one was killed or seriously injured, but about 8 million dollars in property damage occurred, most of it in Ewing. One bridge was washed out. Over 100 homes, 10 apartment buildings and numerous businesses suffered flood damage. The county was declared a major disaster area.

In Ewing, the Shabakunk Creek was the major culprit. It made an island out of Fleetwood Village and flooded over 100 homes. Hundreds of residents had to be evacuated by boats, jet skis and front end loaders. The Parkway Diner nearly collapsed. The western part of Trenton was also flooded. About 40 families were displaced at the Brookfield Gardens Apartment. Four roadways near the Assunpink Creek were closed due to flooding. The Assunpink Creek in Trenton crested at 11.7 feet at 445 a.m. EDT on the 13th.

Storm totals included 7.6 inches in Lawrenceville, 7.1 inches in Lawrenceville and Ewing, 6.63 inches in Ewingville, 3.84 inches in Washington's Crossing and 3.5 inches in Downtown Trenton.

Mercer County

Ewing Township

12 1855EST

0

0

Hail (0.75)

Mercer County

Southwest

13 1500EST
1700EST

0

0

Flash Flood

Around two inches of rain fell within one hour near Hamilton Square in southwest Mercer County. This caused the flash flooding of smaller streams in the area as well as urban and poor drainage flooding. Fortunately this heavy rain fell just to the south of the torrential downpours from the previous evening and did not exacerbate the ongoing problems in those areas. No serious injuries or damage was reported.

Morris County

Chatham

14 1515EST

0

0

Thunderstorm Wind

A severe thunderstorm uprooted about a dozen trees in Chatham and damaged two houses and several motor vehicles. A parking garage had its ceiling tiles ripped off and two cupolas were blown down from a real estate office. About 350 persons lost power for seven hours.

Hunterdon County

Sidney

14 1545EST

0

0

Thunderstorm Wind

A few trees were uprooted by a severe thunderstorm in Sidney.

Middlesex County

Plainsboro

14 1615EST

0

0

Thunderstorm Wind (G50)

A SKYWARN Spotter reported a wind gust to 58 mph in Plainsboro.

Mercer County

Princeton

14 1620EST

0

0

Thunderstorm Wind

A couple of trees were uprooted by a severe thunderstorm in Princeton.

Mercer County

Northern

14 1630EST
2000EST

0

0

Flash Flood

Hunterdon County

Southern

14 1730EST
2000EST

0

0

Flash Flood

A radar estimated 2 inches of rain, most that fell within one hour, caused urban flooding and flash flooding of some smaller streams in northern Mercer County and southern Hunterdon County. One of the worst flooded roadways was U.S. Route 1 near Interstate 295 in Lawrenceville. No serious injuries or damage was reported.

Ocean County

Extreme Southern

17 1330EST
1630EST

0

0

Flash Flood

A cluster of thunderstorms with torrential downpours dropped as much as four inches of rain (Reported in Tuckerton.) during the afternoon of the 17th. This caused considerable urban and poor drainage flooding, especially in Stafford Township. A 30 by 20 foot ditch was created in one roadway and "consumed" a four by four vehicle. Flooding in the Ocean Acres part of town reached as high as 6 feet on Neptune Drive. Traffic on New Jersey State Route 72 was snarled for hours. No serious injuries or damage was reported.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>NEW JERSEY, South and Northwest</u>										
Ocean County										
Lanoka Harbor	17	1340EST			0	0			Thunderstorm Wind (G52)	
A severe thunderstorm produced wind gusts to 60 mph in Lacey Township. This produced power outages to more than 5,000 homes centered in the Lanoka Harbor and Cranberry Hills sections. Although most of the outages occurred in Lacey Township, some also occurred in Brick, Dover, Jackson, Lakewood, Manchester and Plumsted Townships and Long Beach Island.										
Ocean County										
Beach Haven	17	1515EST			0	0			Hail (1.75)	
Mercer County										
Hamilton Square	17	1530EST 1700EST			0	0			Flash Flood	
Slow moving thunderstorms dropped 3.08 inches of rain within 100 minutes in Hamilton Square and caused flash flooding around the area. Sections of low lying roads were temporarily impassable. Motorists had to abandon their vehicles on about a half dozen of the worst flooded roadways in the township. No serious injuries were reported.										
Gloucester County										
1 N Glassboro	17	1815EST			0	0			Thunderstorm Wind	
A severe thunderstorm pulled down power lines in Washington Township.										
Somerset County										
Northeast	19	1500EST 1630EST			0	0			Flash Flood	
Thunderstorms with heavy rain caused flash flooding of streams and roadways in northeast Somerset County. A SKYWARN Spotter reported 2.5 inches of rain fell in North Plainfield. The flooding forced the closure of U.S. Route 22 in North Plainfield.										
Burlington County										
Northwest	19	1515EST			0	0			Flash Flood	
Nearly stationary thunderstorms doused northwestern parts of Burlington County. In Tabernacle, 2.75 inches of rain fell within 45 minutes around 430 p.m. EDT. Three inches of rain fell in Mount Holly, 2.8 inches in Mount Laurel, 2.45 inches in Willingboro and 2.21 inches in Westampton. This caused flash flooding on roadways and smaller creeks. The foundation of one house in Mount Holly collapsed. Up to four feet of water accumulated on several roadways including Burlington County Roads 528 and 537 in North Hanover Township.										
NJZ018										
Camden	19 20	1830EST 0115EST			0	0			Flood	
An inch and a half to two and a half inches of rain in the Cooper River drainage basin caused minor flooding of the river overnight on the 19th. Rainfall totals included 2.38 inches in Somerdale, 1.9 inches in Pennsauken and 1.63 inches in Cherry Hill. The river reached its flood stage of 2.8 feet in Haddonfield at 730 p.m. EDT, crested at 3.03 feet at midnight and was back within bankfull at 215 a.m. EDT. No serious damage was reported.										
Warren County										
Southwest	22	1600EST			0	0			Thunderstorm Wind	
A severe thunderstorm uprooted trees and took down power lines in the southwest part of Warren County. Hardest hit were Greenwich, Lopatcong and Pohatcong Townships. Uprooted trees included evergreens and fruit trees. At least one house in Lopatcong Township was damaged by a fallen tree.										
Hunterdon County										
Holland	22	1615EST			0	0			Thunderstorm Wind	
A severe thunderstorm uprooted numerous trees in Holland Township. Many persons lost power.										
Somerset County										
2 S Harlingen	22	1640EST			0	3			Thunderstorm Wind	
A severe thunderstorm uprooted numerous trees in Montgomery Township. Four trees fell on cars, injuring three persons. At least one house was damaged by a fallen tree.										
Mercer County										
Princeton	22	1645EST			0	0			Hail (0.75)	
Warren County										
Southwest	22	1645EST			0	0			Thunderstorm Wind	
For the second time within an hour, another severe thunderstorm uprooted trees and power lines in southwestern Warren County, mainly to the south of State Route 57.										
Hunterdon County										
Flemington	22	1655EST			0	0			Thunderstorm Wind	
A severe thunderstorm uprooted many trees in the Flemington area. About 5,000 homes and businesses lost power in Hunterdon County, mainly in the Flemington area.										
Mercer County										
Ewing Township	22	1720EST			0	0			Hail (1.00)	
Mercer County										
Northwest	22	1720EST			0	0			Thunderstorm Wind	
A severe thunderstorm uprooted numerous trees in Ewing and Lawrence Townships. In Ewing, the roof was blown off one house, a tree crashed through another house, many chimneys were damaged and quarter size hail fell.										
Mercer County										
3 SW Nottingham	22	1728EST			0	0			Hail (1.00)	

Storm Data and Unusual Weather Phenomena

Time Loss/	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
NEW JERSEY, South and Northwest									
Mercer County									
Trenton to 1 SE Trenton	22	1728EST 1729EST	2	220	0	0			Tornado (F0)
A tornado touched down in the south side of Trenton and remained on the ground for about two miles and entered Hamilton Township before it lifted. No injuries were reported and one inch hail preceded the tornado in Hamilton Township. The worst damage occurred in Trenton where the roof of a duplex apartment building was peeled. About three dozen residents were temporarily displaced and eleven were made homeless.									
Damaging winds preceded the tornado farther north in Trenton along Hamilton and Culbertson Avenues. The tornado touched down on the south side of Trenton just east of Broad Street (U.S. Route 206) and just south of Dye Street. Numerous trees were sheared off and most of the property damage was caused by these fallen trees. Wind and tree damage continued sporadically southeast into Hamilton Township mainly to the west of U.S. Route 206 to the Independence Mall. The tornado lifted, but some damaging straight line winds uprooted numerous trees a bit farther southeast in Hamilton Township between Interstates 295 and 195. Public Service Electric and Gas reported 16,000 homes lost power throughout Mercer County.									
Burlington County									
Bordentown	22	1740EST			0	0			Thunderstorm Wind
A severe thunderstorm uprooted many trees and downed many wires in Bordentown. Hundreds of trees were damaged. Most of the structural and auto damage within the township was caused by fallen trees. About 20 to 30 trees estimated to be between 200 and 300 years old were destroyed on the Divine Word Missionary grounds. Wind damage also occurred in nearby Fieldsboro. Countywide damage from the thunderstorms was estimated at 12 million dollars.									
Burlington County									
Sykesville	22	1750EST			0	0	11M	1M	Thunderstorm Wind
Burlington County									
(Wri)Mc Guire Afb	22	1750EST			0	0			Thunderstorm Wind (G73)
A severe thunderstorm caused considerable wind damage, particularly to farm crops and mobile homes in Spartan Village in North Hanover Township and some wind damage at McGuire Air Force Base. A 26-year-old National Guardsman died during the clean-up on the base when he tried to move a downed tree and it collapsed on him on Pennsylvania Avenue. Countywide damage to property and crops were estimated at 12 million dollars. About one-third of the damage occurred within North Hanover Township. About 22,000 homes lost power. A wind gust to 84 mph was reported at McGuire. Burlington County was declared a disaster area.									
Throughout the county 10 homes were destroyed, 116 homes suffered severe damage and 374 others had either minor or moderate damage. The worst damage occurred in the Spartan Village Trailer Park where nine homes were destroyed, 30 suffered extensive damage and greater than seventy percent of the 218 mobile homes suffered some damage. The greatest damage occurred on the north side of the park, which is exposed to an open field and was also the direction the wind was blowing from. In addition, a number of metal sheds were blown off their foundations. Damage farther south in the development became more superficial. Numerous trees were also uprooted, but most fell between the homes. About 300 families were temporarily displaced.									
Other wind damage within North Hanover Township included roof damage at the Ames Shopping Center, a McDonald's sign was blown out, a garage door at a Goodyear Tire dealership was blown into the building, roof and wall damage to a Primerica Insurance Building and a state police communication tower was snapped in half. Entire fields of crops were ruined in about a dozen farms from Chesterfield through North Hanover to Fort Dix.									
Wind damage at McGuire Air Force Base included a few trailers, a couple of aircraft and the collapse of a temporary warehouse. The building where meteorological observations are taken was also damaged. Wind damage also occurred in Hanover Square, New Hanover and Wrightstown Borough.									
Ocean County									
2 SE Pleasant Plains	22	1755EST			0	0			Thunderstorm Wind
A severe thunderstorm caused wind damage in Dover Township. Trash cans were tossed, some landscaping was destroyed and patio furniture was flipped over. No injuries were reported.									
Burlington County									
Browns Mills	22	1810EST			0	0			Hail (1.75)
Burlington County									
Browns Mills	22	1810EST			0	0			Thunderstorm Wind
A severe thunderstorm dropped golf ball size hail and caused about sixty reports of wind related property damage in the Browns Mills and Country Lakes Sections of Pemberton Township.									
Mercer County									
Countywide	22 23	1830EST 0400EST			0	0			Flash Flood
In addition to the wind damage, repeated thunderstorms with heavy rain caused flash flooding within the county. Storm totals averaged two inches; 2.03 inches fell at Hightstown and 1.87 inches fell in Princeton. Serious flooding was again reported in Ewing. The Assunpink Creek reached its 7 foot flood stage at 730 p.m. EDT, crested at 8.7 feet at 1 a.m. EDT on the 23rd and was back within bankfull by 5 a.m. EDT. No injuries were reported.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
NEW MEXICO, Central and North									
NMZ009	Middle Rio Grande Valley								
	01 25	0000MST 2359MST			0	0			Drought
Despite several days with severe thunderstorms in the east, hot temperatures and the worst drought in nearly 30 years gripped the state during much of June. An increase in clouds teased the state with a hope of rain at mid-month but only produced dry lightning which brought a new round of intense and numerous forest fires. The rain was delayed until near the end of the month as tropical moisture swept northward from the Pacific to provide relief from the extreme fire danger that had forced closure of several national forest areas and brought about an unusual statewide ban on the sale and use of fireworks. Albuquerque had recorded no rain through the 25th, making the first six months of the year the driest in over 100 years of records. Then came repeating and heavy showers between the 25th and 30th which produced the 4th wettest June on record in just a few days. All but the northwest areas of the state benefited from the burst of late month showers.									
Union County 6 S Amistad	01	1925MST			0	0			Hail (1.00)
Union County 12 SW (Cao)Clayton Arpt	01	1930MST			0	0			Hail (1.75)
Union County Pasamonte	01	2012MST			0	0			Hail (0.75)
Harding County Mosquero	02	1610MST			0	0			Hail (0.88)
Roosevelt County Elida	02	1710MST			0	0			Hail (0.75)
Roosevelt County Elida	02	1723MST			0	0			Hail (1.00)
Roosevelt County 9 E Milnesand to Milnesand	02	1817MST			0	0			Hail (1.75)
Roosevelt County 8 E Milnesand to 11 ESE Milnesand	02	1823MST 1830MST	2	50	0	0			Tornado (F0)
A small tornado was observed over open country by Portales spotters.									
Quay County 1 W Tucumcari	02	1907MST			0	0			Hail (1.75)
Roosevelt County Rogers	02	1913MST			0	0			Hail (1.75)
Quay County Tucumcari Arpt	02	1915MST			0	0			Hail (1.75)
San Miguel County Trementina	02	1944MST			0	0			Hail (0.75)
Curry County Melrose	02	2052MST			0	0			Hail (1.00)
Guadalupe County Newkirk	02	2058MST			0	0			Hail (1.75)
San Miguel County 1 S Las Vegas to 10 S Tecolote	03	1230MST 1240MST			0	0			Hail (1.00)
Hail to 1 inch covered the ground like snow from 1S of Las Vegas to 10S of Tecolote on both sides of Interstate 25.									
Union County 12 WSW Clayton	03	1258MST			0	0			Hail (2.50)
Spotters reported tennis ball size hail and a wall cloud.									
Union County 15 SW Clayton to 17 SW Clayton	03	1324MST 1330MST	2	100	0	0			Tornado (F0)
Union County 7 NW Amistad to 6 NW Amistad	03	1332MST 1335MST	1	50	0	0			Tornado (F0)
Harding County 6 N Rosebud to 4 N Rosebud	03	1350MST 1403MST	2	100	0	0			Tornado (F0)
A severe thunderstorm formed over southwest Union county and moved south southeast with hail and several small tornadoes reported by different spotters at a distance over open rangeland.									
Harding County 12 N Rosebud	03	1433MST			0	0			Hail (1.00)
De Baca County 2 S Yeso	03	1445MST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
<u>NEW MEXICO, Central and North</u>									
De Baca County 7 S Yeso	03	1452MST			0	0			Hail (0.75)
Harding County 12 S Rosebud	03	1545MST			0	0			Hail (0.75)
Quay County 10 NE Logan	03	1600MST			0	0			Hail (0.88)
Quay County Glenrio	03	1630MST			0	0			Hail (0.88)
Quay County 15 SW San Jon	03	1735MST			0	0			Hail (0.75)
Curry County 3 S Ranchvale	03	1840MST			0	0			Hail (0.75)
Roosevelt County Arch	03	1906MST			0	0			Hail (0.75)
Mora County Mora	03	1945MST			0	0			Hail (0.75)
Quay County 1 E Tucumcari	03	2029MST			0	0			Hail (1.75)
Valencia County Belen	05	1930MST			0	0	30K		Dry Microburst
A dry microburst knocked down electric wire and poles, and damaged park trees and swing sets in Belen.									
Chaves County Lake Arthur	06	1625MST			0	0			Hail (1.50)
Santa Fe County Santa Fe	10	1330MST			0	0	5K		Dry Microburst
A dry microburst or possible dust devil destroyed a porch cover and damaged the roof of a home.									
Curry County 15 W (Cvs)Cannon Afb Clov	10	1646MST	0.1	30	0	0			Tornado (F0)
A small tornado over open rangeland was reported by an air force observer. Other spotters only reported heavy dust along the rear flank outflow boundary.									
Union County Grenville	12	1525MST			0	0			Hail (0.75)
A TV station crew reported hail covering the ground to 3 inches deep.									
Chaves County 1 S Roswell	13	1633MST			0	0			Hail (1.75)
Chaves County 3 SW Roswell	13	1635MST			0	0			Hail (1.00)
Chaves County Roswell Industrial A	13	1649MST			0	0			Hail (0.75)
Chaves County Hagerman	24 25	2200MST 0100MST			0	0	50K	25K	Tstm Wind/Hail
A strong late night thunderstorm produced high winds and small hail which damaged barns, farm sheds, and several irrigation systems.									
Sandoval County Corrales to Rio Rancho	26	1500MST 1630MST			0	0	60K		Tstm Wind/Hail
Several strong thunderstorms moved over Bernalillo and southern Sandoval counties with gusty winds and heavy rain. A home in Rio Rancho at the edge of the bluff above the Rio Grande River had part of its roof ripped away from gusts whipping upslope out of the valley. About 20 cars were damaged by falling limbs. In Corrales, several large cottonwood trees were uprooted and 2 llamas were killed, one fatally speared in the chest by a fallen limb and the other from a broken neck. Gusts measured at the Albuquerque International Airport, about 12 miles southeast of Rio Rancho and Corrales, reached 45 mph at 449 PM MST.									
Bernalillo County (Abq)Albuquerque Int	28	1532MST			0	0			Thunderstorm Wind (G53)
<u>NEW MEXICO, South Central and Southwest</u>									
Sierra County Truth Or Consequence	29	0100MST 0400MST			0	0			Flash Flood
An estimated rainfall of up to 4.50 inches fell in a three-hour period over and just west of Truth of Consequences beginning shortly after midnight. Several roads were washed out or damaged and several cars were washed into Elephant Butte Reservoir. Considerable damage also took place to utilities and a number of homes and businesses, mainly due to the rapid runoff, rather than rising water levels in established drainages. Despite stopping all discharge from the Reservoir, the Rio Grande still produced some flooding downstream. The main source of the water was the normally nearly dry Cuchillo Negro River which enters the Rio Grande just below Elephant Butte Dam. It is likely that a flood control dam on the Cuchillo Negro, several miles west of the Rio									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
Killed	Injured	Property							

NEW MEXICO, South Central and Southwest

Grande, saved considerable damage (the catchment behind the dam did not completely fill). No official damage estimate is available however it likely exceeded a million dollars.

Sierra County Truth Or Consequence	29	0200MST 0700MST			0	0	1M	0	Flash Flood
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NEW MEXICO, Southeast

Lea County 3 S Crossroads	02	1913MST 1916MST	0.3	50	0	0			Tornado (F0)
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The Tatum Police Dept. reported a brief tornado three miles south of Crossroads.

Lea County Eunice	02	2030MST			0	0	5K		Thunderstorm Wind
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A severe thunderstorm moving southward had outflow winds that downed phone lines and tree limbs in Eunice.

Lea County Monument	02	2045MST			0	0	2K		Thunderstorm Wind
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Outflow winds caused damage in the Monument community including a metal storage building that was destroyed.

Lea County Tatum	02	2320MST			0	0			Hail (0.75)
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With an upper level ridge building in the west, a setup for a northwesterly flow severe weather was set. During the afternoon, only a few severe storms were reported, but as night fell and a low level jet formed thunderstorms strengthened. Except for the supercell over Gaines County, Texas, the hail reports were limited to golfball size or smaller.

Eddy County 13 S Artesia	06	1515MST			0	0			Hail (0.75)
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Eddy County 4 SE Artesia	06	1522MST			0	0			Hail (0.88)
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Eddy County 10 S Artesia	06	1608MST			0	0			Hail (0.75)
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Lea County 9 E Maljamar	10	1825MST			0	0			Hail (1.00)
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Eddy County 5 N Artesia	14	1545MST			0	0			Hail (1.00)
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Eddy County 5 NE Artesia	14	1555MST			0	0			Hail (1.00)
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Eddy County 13 S Artesia	14	1755MST			0	0			Hail (1.00)
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Eddy County 3 SW Lakewood	14	1835MST			0	0			Hail (1.00)
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Eddy County 3 SW Lakewood	14	1835MST			0	0			Thunderstorm Wind (G61)
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Eddy County 2 SW Carlsbad	14	1905MST			0	0			Hail (1.25)
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Thunderstorms formed along the Guadalupe Mountains during the late afternoon and moved slowly northeastward into richer moisture. The storms moved in a broken line away from the mountains, became stronger and dropped hail up to one inch in diameter.

Eddy County 2 SW Lakewood	14	1945MST 2100MST			0	0			Flash Flood
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Flash Flooding along U.S. Highway 285 required the closing of the highway for a 2-3 mile stretch.

Eddy County Lakewood	15 16	2220MST 0100MST			0	0			Flash Flood
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Thunderstorms dumping heavy rain caused flooding near Lakewood. Up to four feet of water was rushing across Highway 381.

Lea County 2 N Hobbs	25	1345MST			0	0	20K		Thunderstorm Wind
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A wet microburst from a thunderstorm moving slowly northward over Hobbs resulted in wind damage. Eight large cedar trees (some up to 40 feet tall) in the Memory Gardens Cemetery were downed during the event. Nearby, the awning that covered the front of a local saloon was ripped off by the winds as well. Some baby pigeons that had roosted under the roof were killed by the debris from the awning.

NEW YORK, Central

Broome County Port Crane	04	1555EST			0	0	8K	0	Thunderstorm Wind
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Severe thunderstorm winds downed power lines along Route 369 in Port Crane.

Chenango County 4 SW Greene	04	1600EST			0	0			Hail (0.75)
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Severe thunderstorms produce dime-sized hail near Greene.

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEW YORK, Central

Otsego County Edmeston

08 1735EST
2100EST 0 0 25K 0 Flash Flood

Thunderstorms dumped over two and a half inches of rain across northern Otsego County, which caused many small streams and creeks to rise out of their banks. In the town of Edmeston, several roads were washed out including parts of County Routes 20 and 80, and Pleasant Road. Flooding was also reported in the town of Burlington, where a mobile home was washed away, and in Exeter Center where several roads were closed.

Yates County Middlesex

22 1120EST
1135EST 1.5 50 0 0 75K 0 Tornado (F1)

A tornado which developed in Ontario County (Western New York, NWSFO Buffalo area of responsibility) entered Vine Valley in the town of Middlesex in Yates County shortly after noon. There was considerable damage in this community. Several mobile homes were damaged due to fallen trees or flying debris. An outer wall of a community center, constructed of cinder block, was also blown out. The tornado was rated as F1, with a damage path of one and a half miles long, and 50 yards wide.

Schuyler County Tyrone

22 1210EST 0 0 0 0 Hail (1.75)

Severe thunderstorms produced golf-ball sized hail in Tyrone.

Chemung County Chemung

22 1230EST 0 0 0 0 Hail (1.75)

Severe thunderstorms produced ping-pong ball sized hail in Chemung.

Tioga County 1 SE Berkshire

22 1610EST 0 0 10K 0 Thunderstorm Wind

Thunderstorm winds downed trees in the town of Wilson Creek and a roof was torn off a barn.

Broome County Maine

22 1620EST 0 0 15K 0 Thunderstorm Wind

The storm that caused damage in Tioga County crossed into the town of Maine in Broome County. Two homes sustained damage from thunderstorm winds.

NEW YORK, Coastal

Bronx County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Kings County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Nassau County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

New York County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Orange County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Putnam County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Queens County Countywide

03 0630EST
1830EST 2 21 Urban/Sml Stream Fld
M?VE, ??VE

Richmond County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Rockland County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Suffolk County Western Suffolk Cty

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

Westchester County Countywide

03 0630EST
1830EST 0 0 Urban/Sml Stream Fld

A low pressure system off the Southeast U.S. Coast moved slowly northwest toward the Mid-Atlantic Coast. Blocked by a high

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEW YORK, Coastal

pressure system to its' northeast, the low turned north and weakened as it passed just east of New York City before dawn on Tuesday, June 4th.

Heavy rain caused widespread minor urban flooding (of low-lying and poor drainage areas), including street flooding.

Several traffic accidents occurred as a result of "slick" roads. In particular, a multi-vehicle accident took place on Rockaway Blvd. in Eastern Queens that resulted in 2 deaths and 21 injuries. It occurred when a "speeding" van lost control on rain-slickened roads.

Here are some specific rainfall amounts:

- o For Orange County - 1.61 inches at Greenwood Lake.
- o For Putnam County - 1.90 inches at Carmel.
- o For Rockland County - 2.52 inches at Suffern.
- o For Westchester County - from 1.67 inches at Ossining to 1.82 inches at Yorktown Heights.
- o For New York City - from 1.73 inches at Jamaica Estates in Queens to 3.11 inches at Central Park.
- o For Nassau County - 0.88 inches at Levittown.
- o For Western Suffolk County - 1.73 inches at Islip.

Richmond County Richmond

11 1500EST

0 0

Thunderstorm Wind

With moist unstable air in place, scattered severe thunderstorms formed in advance of an approaching weak trough of low pressure.

As thunderstorms moved north around 20 knots, they produced high winds that knocked down trees and power lines.

Orange County Goshen

13 1248EST

0 0

Thunderstorm Wind

Orange County Southern Orange Cty

13 1530EST

0 0

Thunderstorm Wind

Rockland County Palisades Parkway

13 1535EST

0 0

Flash Flood

Westchester County Peekskill

13 1545EST

0 0

Thunderstorm Wind

Westchester County Bedford

13 1605EST

0 0

Flash Flood

Westchester County Countywide

13 1730EST

0 0

Flash Flood

With moist unstable air in place, scattered severe thunderstorms formed in advance of a developing trough of low pressure.

As thunderstorms moved east at about 25 knots, they produced high winds and torrential rain. High winds knocked down trees in Goshen of Orange County and in Peekskill of Westchester County. Rainfall rates of up to 2 inches in less than 1 hour produced significant flooding along the Palisades Parkway (from Exits 12 through 15) in Rockland County and on the Saw Mill Parkway near Bedford.

NEW YORK, East

Albany County

Selkirk

08 1430EST

0 0

4K

Thunderstorm Wind

Albany County

Coeymans Hollow

08 1501EST

0 0

5K

Hail (1.75)

Albany County

Ravena

08 1505EST

0 0

4K

Thunderstorm Wind

Greene County

Palenville

08 1549EST

0 0

10K

Lightning

Greene County

Coxsackie

08 1600EST

0 0

4K

Thunderstorm Wind

Albany County

Ravena

**08 1600EST
2100EST**

0 0

100K

Flash Flood

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, East									
Greene County Coxsackie	08	1610EST			0	0	15K		Lightning
Columbia County Chatham	08	1630EST			0	0	5K		Thunderstorm Wind
Albany County Albany	08	1635EST			0	0	6K		Lightning
Dutchess County Rhinebeck	08	1736EST			0	0	6K		Thunderstorm Wind
Dutchess County Red Hook	08	1850EST 2200EST			0	0	200K		Flash Flood
Dutchess County Town Of Milan	08	1852EST			0	0			Hail (0.75)
Columbia County Lake Taghkanic	08	1920EST 2200EST			0	0	200K		Flash Flood
Albany County Ravena	08 09	2300EST 0500EST			0	0	100K		Flash Flood
A stationary front which stretched from western New York east across the state to western New England became the focus for severe thunderstorms and flash flooding over eastern New York on June 8. Severe thunderstorms occurred in Albany, Columbia, Greene and Dutchess Counties. At Coeymans Hollow in Albany County one and three quarter inch hail was reported. Hail was also observed in the Town of Milan in Dutchess County. Most of the damage produced by these storms occurred when strong winds downed trees and power lines. Frequent lightning also produced damage over the area. In Greene County at Coxsackie lightning downed a tree on a house and in Palenville lightning caused a fire at the Palenville Methodist Church. In Albany, lightning downed power lines on the Patroon Island Bridge where the New York State Thruway crosses the Hudson River. The bridge was closed for several hours. Training echoes caused flash flooding in Albany, Dutchess and Columbia Counties. In southern Albany County training thunderstorms produced a total rainfall of 5 to 6 inches. Flash flooding occurred during the late afternoon and evening hours and from around midnight to the early morning hours of June 9. Roads were flooded throughout much of southern Albany County including: county routes 405, 411 and 143. Flooding was reported in Ravena. The flooding Hannacroix Creek produced a mudslide on county route 143. In northern Dutchess County flash flooding occurred in the Towns of Red Hook and Milan. In Redhook 5.24 inches of rain was observed during the late afternoon and evening. In southern Columbia County flash flooding occurred around Lake Taghkanic and in the Towns of Ancram and Copake. Across this region 4.5 inches of rain fell during the evening. In the Town of Ancram many roads were washed out.									
Rensselaer County Pittstown	09	1522EST			0	0	4K		Thunderstorm Wind
Rensselaer County Pittstown	09	1551EST 2200EST			0	0	300K	40K	Flash Flood
A stationary front which extended across eastern New York on June 9, produced isolated severe thunderstorms and flooding. At Pittstown in Rensselaer County, a severe thunderstorm downed several trees. In northern Rensselaer County training showers and thunderstorms resulted in flash flooding when approximately 6 inches of rain fell during the late afternoon. Dirt roads were washed out in Pittstown, Raymertown and Boyntonville. Homes were evacuated and flooded in Pittstown and Boyntonville. Around 20 families were evacuated at Pittstown in the County Acres Trailer Park. County routes 103, 105, 109 and 129 were washed out in sections. A farm off Spicer Hill Road (county route 105) lost 400 acres of corn and wheat along with 100 tons of corn which was flooded in the silo.									
Saratoga County Clifton Park	11	1555EST			0	0			Hail (0.88)
Saratoga County Clifton Park	11	1643EST			0	0	5K		Thunderstorm Wind
A couple of severe thunderstorms at Clifton Park in Saratoga County produced hail and damaging winds which downed power lines.									
Fulton County Gloversville	12	1806EST			0	0	4K		Thunderstorm Wind
Montgomery County Amsterdam	12	1808EST			0	0	5K		Thunderstorm Wind
Washington County Kingsbury	12	1830EST			0	1			Lightning
Saratoga County Saratoga Spgs	12	1915EST			0	0	4K		Thunderstorm Wind
Saratoga County Corinth	12	1915EST			0	0	4K		Thunderstorm Wind
Saratoga County Stillwater	12	1930EST			0	0	4K		Thunderstorm Wind
Washington County Greenwich	12	1944EST			0	0	3K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
NEW YORK, East									
Washington County Greenwich	12	1946EST			0	0	2K		Thunderstorm Wind
Saratoga County Saratoga Spgs	12	1946EST			0	1			Lightning
Saratoga County Stillwater	12	2015EST			0	0	6K		Thunderstorm Wind
Rensselaer County Rensselaer	12	2102EST			0	0	2K		Hail (1.00)
Rensselaer County Schaghticoke	12 13	2200EST 0000EST			0	0	50K		Flash Flood
On June 12, a very moist and unstable atmosphere was situated over eastern New York. This resulted in scattered severe thunderstorms and flash flooding in northern Rensselaer County. Severe thunderstorms occurred in Fulton, Montgomery, Washington, Saratoga and Rensselaer Counties. The damage from the severe thunderstorms was a result of strong winds downing trees and power lines, with the exception of one inch hail reported at Rensselaer, in Rensselaer County. The storms were also accompanied by frequent lightning, which injured two people. In the Village of Schaghticoke in northern Rensselaer County, heavy rain from thunderstorms washed out several roads during the late evening.									
Albany County Berne	13	1400EST 1600EST			0	0	200K		Flash Flood
On June 13, a very moist and unstable atmosphere was situated over eastern New York. This produced torrential rain from training thunderstorms which resulted in flash flooding at Berne in northwest Albany County. Several roads were washed out during the late afternoon including: state route 443, state route 157A, Cole Hill Road, Irish Hill Road, Wolf Hill Road and Beaver Dam Road.									
NEW YORK, North									
Franklin County Malone	04	1535EST 1540EST			0	0			Gusty Wind
A weak area of low pressure moved across New York and New England on Tuesday, June 4, 1996. Late afternoon and evening thunderstorms were scattered across Northern New York...with locally heavy rain and small hail and gusty winds reported.									
In Malone, New York (Franklin County) pea sized hail with wind gust to 30 knots were reported at 1535 EST. In Plattsburgh, New York (Clinton County) pea size hail was reported at 1730 EST.									
Clinton County Champlain	05	1005EST			0	0			Hail (0.75)
A cold front moved across Northern New York Wednesday morning, June 5, 1996. A few thunderstorms moved across northern New York with locally gusty winds and hail. Most of the hail was small...but 3/4 inch diameter hail was reported in Champlain, NY (Clinton County) at approximately 1005 AM EST.									
Franklin County Ft Covington	11	1600EST 1605EST			0	0	5K		Thunderstorm Wind
A trough of low pressure moved across Northern New York and Vermont during the day of Tuesday, June 11, 1996. This trough acted to trigger scattered thunderstorms across Northern New York with locally heavy rains causing flash flooding, thunderstorm wind damage and large hail.									
Trees and power lines were blown down by thunderstorm winds in Moira, Fort Covington and North Hudson. Flash Flooding was reported in Malone and Mineville with road washouts.									
Franklin County Moira	11	1600EST 1610EST			0	0	5K		Thunderstorm Wind
Franklin County Malone	11	1620EST 1645EST			0	0	15K		Flash Flood
Essex County North Hudson	11	1830EST 1835EST			0	0		5K	Hail (1.00)
Essex County Mineville	11	1900EST 2000EST			0	0	15K		Flash Flood
Clinton County Redford	12	1355EST 1405EST			0	0	10K		Thunderstorm Wind

A trough of low pressure moved across Northern New York on June 12, 1996 acting as a focus to trigger afternoon and nighttime thunderstorms. These storms were accompanied by locally strong winds and heavy rain with some flooding. There were numerous reports of dangerous lightning with cloud to ground lightning strikes. Trees and power lines were blown down in Redford and Clayburg.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
NEW YORK, North									
Clinton County Clayburg	12	1400EST 1410EST			0	0	10K		Thunderstorm Wind
Clinton County Merrill	12	1450EST 1530EST			0	0	20K		Flash Flood
Essex County Ticonderoga	13	1600EST 1610EST			0	0	15K		Thunderstorm Wind
An area of weak low pressure moved across northern portions of New York during Thursday, June 13, 1996. The associated trough and windshift acted to focus afternoon and evening thunderstorms across northern New York. Some thunderstorms were accompanied by locally heavy rain and strong winds with local flooding and trees or power lines blown down.									
Essex County Ticonderoga	13	1600EST 1630EST			0	0	15K		Flash Flood
NEW YORK, West									
Wyoming County Wethersfield	04	2000EST			0	0	3K	10K	Hail (1.00)
An isolated thunderstorm crossed the county from southwest to northeast. In Wethersfield, the thunderstorm dropped one inch hail which damaged crops.									
Genesee County Leroy	09	1552EST			0	0	15K		Hail (0.75)
A thunderstorm moving across the eastern portions of the county produced 3/4" hail, damaging winds, and torrential rains. The winds downed trees and power lines. The storm dropped over 2.5" of rain in about an hour. Minor urban flooding occurred.									
Erie County Sloan	09	1555EST			0	0	30K		Thunderstorm Wind
A thunderstorm moving across the Buffalo metro area produced strong winds, torrential rains, and frequent lightning. The thunderstorm winds downed trees and power lines. Nearly 3000 customers were without power in the Village of Sloan. A 100 ft. maple tree was downed by the winds. Another uprooted tree crushed an automobile parked nearby.									
Erie County Amherst	10	1540EST 1740EST			0	0	5K		Flash Flood
Slow moving thunderstorms dropped nearly three inches of rain over the northern portions of the county. Some streets were closed in Amherst as storm sewers were not able to handle the large amounts of water.									
Chautauqua County Ripley	10	1850EST			0	0	2K	10K	Hail (0.88)
Chautauqua County Lakewood	10	1950EST 2100EST			0	0	8K		Flash Flood
Slow moving thunderstorms produced quarter-size hail and dropped over two inches of rain across parts of the county. Streets were closed for several hours because of flooding.									
Wyoming County Bennington	10	2107EST			0	0	10K		Thunderstorm Wind
Thunderstorms moved across the area producing strong winds. The downburst winds brought down trees and power lines. Power outages were reported.									
Monroe County Chili	12	1430EST 1600EST			0	0	20K		Flash Flood
Thunderstorms moving across the southern portion of the county produced torrential rains. Several roads in Chili were flooded and had to be closed until sewers could handle the storm runoff.									
Wyoming County Castile	12	1805EST 2030EST			0	0	8K		Flash Flood
Thunderstorms with very heavy rain moved over the same portions of eastern Wyoming County during the evening hours. The storms produced over two inches of rain. Several roads were closed due to flooding.									
Niagara County Porter	13	1655EST			0	0	3K	15K	Hail (0.75)
Thunderstorms moved inland from Lake Ontario producing strong winds and large hail.									
Chautauqua County Cherry Creek	18	0815EST 1415EST			0	0	35K		Flash Flood
Thunderstorms moving across the area produced torrential rains. Amounts of two to three inches in a short amount of time were reported. Several basements were flooded. Road closures were also reported.									
Genesee County Batavia	20	1340EST 1530EST			0	0	40K		Flash Flood
Strong thunderstorms crossed the area during the early afternoon hours dropping rainfall amounts of one to two inches. The rain fell on already saturated ground producing flash flooding. Roads were closed because of the flood waters. Several basements were									

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
NEW YORK, West									
Livingston County Caledonia									
	20	1410EST 1700EST			0	0	15K		Flash Flood
									Strong thunderstorms crossed the area during the afternoon dropping rainfall amounts of one to two inches. The rain fell on already saturated ground and resulted in flash flooding. Road closures were reported because of the floods.
Orleans County Albion									
	22	0945EST			0	0	25K		Thunderstorm Wind
									Severe thunderstorms produced damaging winds which downed trees and power lines. In Albion, a parked car was crushed by a falling tree.
Monroe County Irondequoit									
	22	1015EST			0	0	8K		Thunderstorm Wind
									Severe thunderstorms produced damaging winds which downed trees and power lines.
Livingston County Springwater									
	22	1100EST			0	0	5K		Thunderstorm Wind
									Severe thunderstorms produced damaging winds which downed trees and power lines.
Ontario County Canandaigua									
	22	1105EST			0	3	90K		Thunderstorm Wind
									Strong downburst winds blew a mobile home off its foundation, rolled it about 100 feet, and left it as a pile of rubble. A man and woman in the mobile home at the time were both injured. The local fire department had to free the woman from the collapsed trailer. Both were airlifted to area hospitals. The winds also picked up a nearby automobile. The driver of the car suffered back injuries as the car was tossed about by the wind.
Ontario County South Bristol									
	22	1110EST	1.5	50	0	0	50K	15K	Tornado (F1)
									A severe thunderstorm spawned a weak tornado around noon. The tornado first touched down in Ontario County on Hicks Road in the town of South Bristol. Several homes sustained minor structural damage including broken windows and torn roofs and siding. Several trees were uprooted or snapped. The tornado continued across Canandaigua Lake into Yates County (Central New York, WSO BGM area of responsibility).
NORTH CAROLINA, Central									
Durham County Durham									
	04	1840EST			0	0			Hail (0.75)
Vance County Williamsboro									
	04	1900EST			0	0			Thunderstorm Wind
									Trees down near intersection of Rice Road and highway 1341 north of Williamsboro.
Wake County Raleigh									
	04	1907EST			0	0			Hail (0.75)
									Dime size hail Six Forks and Wake Forest Roads.
Wake County Cary									
	04	1918EST			0	0			Thunderstorm Wind
									Trees down in Cary.
Richmond County Rockingham									
	08	1805EST			0	0			Hail (1.75)
Durham County Durham									
	11	1855EST			0	0			Hail (0.75)
									Dime size hail fell and trees were blown down four miles southeast of Durham.
Granville County Creedmoor									
	11	1940EST			0	0			Thunderstorm Wind
									Trees and power lines down in Creedmoor.
Orange County Hillsborough									
	12	1619EST			0	0			Thunderstorm Wind
									Trees broken and uprooted near Hillsborough.
Sampson County Harrells									
	14	1410EST			0	0			Thunderstorm Wind
									Trees were blown down due to high winds and small hail also fell.
Sampson County Clinton									
	19	1300EST			0	0			Flash Flood
									Several roads in Clinton were covered with two feet of water.
Forsyth County Winston-Salem									
	19	1543EST			0	0			Flash Flood
									Three feet of water at intersection of Popular and First streets in downtown. Several other roads in town were also seriously flooded due to 3 or more inches of rain in one hour.
Davidson County Lexington									
	19	1548EST			0	0			Hail (1.75)
									Golfball size hail fell north of Lexington on highway 52.

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>									
Durham County									
Bahama	20	1530EST			0	0			Flash Flood
	Several roads in Bahama were seriously flooded.								
Moore County									
Carthage	24	1702EST			0	0			Thunderstorm Wind
	Trees down on mobile home.								
Lee County									
Broadway	24	1720EST			0	0			Thunderstorm Wind
	Trees down on school classroom trailer and cars.								
Lee County									
Broadway	24	1730EST			0	0			Hail (1.00)
Scotland County									
Laurinburg	24	1730EST			0	0			Thunderstorm Wind
	Trees down on highway 15/501 north of Laurinburg.								
Harnett County									
Lillington	24	1755EST			0	0			Thunderstorm Wind (G50)
	Trees down 9 miles northeast of Lillington near highway 421.								
Johnston County									
Archers Lodge	24	1810EST			0	0	10K		Thunderstorm Wind (G50)
	Barn blown down by high winds.								
Cumberland County									
Nrn Part	24	1844EST			0	0			Thunderstorm Wind (G50)
	Trees down on highway 401 north.								
Johnston County									
Smithfield	24	1850EST			0	0			Thunderstorm Wind (G50)
	Trees down east of Smithfield.								
<u>NORTH CAROLINA, Central Coastal</u>									
Craven County									
New Bern	10	1030EST			0	1			Lightning
	Lightning travelled through an electrical cable and struck a worker on a ladder at a hotel under construction. Worker shaken up but survived.								
Craven County									
Bridgeton	15	1330EST			0	1			Lightning
	Lightning injured a man using a telephone and damaged a restaurant.								
Lenoir County									
Deep Run	15	1415EST 1416EST			0	0			Hail (1.00)
Lenoir County									
Kinston	15	1425EST 1426EST			0	0			Hail (0.75)
Jones County									
Phillips Crossroads	15	1533EST 1534EST			0	0			Hail (0.75)
Jones County									
5 NW Potters Hill	15	1550EST 1551EST			0	0			Hail (1.00)
Duplin County									
Beulaville	15	1605EST 1607EST			0	0	2K		Thunderstorm Wind
Duplin County									
Potters Hill	15	1610EST			0	0			Hail (0.75)
Duplin County									
Chinquapin	15	1629EST 1630EST			0	0			Hail (1.00)
Duplin County									
Chinquapin	15	1640EST 1642EST			0	0			Thunderstorm Wind
	Severe thunderstorms downed several large trees in Beaulaville and Chinquapin.								
NCZ029-044>047-079>081-090>095-098-103>104	Martin - Pitt - Washington - Tyrrell - Western Dare - Greene - Beaufort - Western Hyde - Duplin - Lenoir - Jones - Craven - Pamlico - Carteret - Onslow - Eastern Dare - Eastern Hyde								
	18 19	1300EST 2300EST			0	0	1M		Tropical Storm
	Tropical Storm Arthur teased the North Carolina coast moving parallel to the coast and then up across Cape Lookout into the Pamlico Sound where it was downgraded to a tropical depression. Up to 4 inches of rain fell across parts of southern Lenoir and northern Duplin counties. Much of the rest of the area received between three quarters and two inches of rain. Surf was running at 5-7 feet off Carteret County. There was some damage to crops								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
<u>NORTH CAROLINA, Central Coastal</u>									
NCZ044	Pitt								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ045	Washington								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ046	Tyrrell								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ047	Western Dare								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ079	Greene								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ080	Beaufort								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ081	Western Hyde								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ090	Duplin								
	18	1300EST			0	0		1M	Tropical Storm
	19	2300EST							
NCZ091	Lenoir								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ092	Jones								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ093	Craven								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ094	Pamlico								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ095	Carteret								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ098	Onslow								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ103	Eastern Dare								
	18	1300EST			0	0			Tropical Storm
	19	2300EST							
NCZ104	Eastern Hyde								
	18	1300EST			0	0			Tropical Storm
	20	0030EST							
Onslow County Swansboro	25	1345EST 1352EST			0	0			Thunderstorm Wind
	Trees were down along Highway 24 in Hubert and Swansboro.								
Carteret County 4 W Newport	25	1415EST			0	0			Thunderstorm Wind
	Large limbs down on Roberts Road and Nine Mile Road.								
Duplin County Calypso	25	1830EST 1833EST			0	0	50K	25K	Thunderstorm Wind
	A severe thunderstorm destroyed 1 mobile home, damaged the roofs of at least 3 other homes and a church.								
<u>NORTH CAROLINA, Extreme Southwest</u>									
Cherokee County Andrews	07	1730EST			0	0	2K		Thunderstorm Wind
	Several trees were downed.								
Cherokee County Murphy	16	1545EST 1645EST			0	0	2K		Flash Flood
	Two feet of water flooded highway 64 after a little over two inches of rain fell in about an hour.								

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
<u>NORTH CAROLINA, North Coastal</u>									
Chowan County Edenton	11	0800EST 1100EST			0	0	75K		Heavy Rain
Heavy rains caused a portion of an apartment building's interior ceiling to collapse, flooding and damaging six apartments. Thirty-seven elderly and handicapped people were evacuated from their apartments.									
Pasquotank County Elizabeth City	14	1620EST			0	0			Hail (0.75)
Pasquotank County Elizabeth City	14	1622EST			0	0	2K		Thunderstorm Wind
Power lines down.									
Pasquotank County Elizabeth City	14	1622EST			0	0	3K		Thunderstorm Wind
One hundred to one hundred fifty foot federal housing fence uplifted over tree and thrown approximately 30 feet.									
Pasquotank County Elizabeth City	14	1630EST			0	0	400K		Thunderstorm Wind
BB&T building (under construction) collapsed due to thunderstorm winds.									
Pasquotank County Elizabeth City	14	1713EST			0	0	2K		Thunderstorm Wind
Power lines down.									
Northampton County Seaboard	24	2045EST			0	0			Thunderstorm Wind (G52)
Spotter estimated a 60 mph wind gust.									
Perquimans County Belvidere	24	2130EST 2230EST			0	0	50K		Lightning
Lightning strike caused a fire which destroyed a 111-year-old church.									
<u>NORTH CAROLINA, Northwest and North Central</u>									
Rockingham County 4 NW Eden	08	2023EST			0	0			Thunderstorm Wind
An isolated severe thunderstorm during the evening hours on the 8th resulted in damaging winds which knocked down trees and power lines 4 miles northwest of Eden.									
Surry County Dobson	09	1815EST 2000EST			0	0			Flash Flood
Surry County 3 SSW Mount Airy	09	1945EST			0	0	10K		Flash Flood
Heavy rainfall during the evening hours on the 9th resulted in flash flooding in portions of Surry County.									
Flood waters from creeks and streams flooded several bridges in Dobson and flooded several bridges, damaged a water park, and resulted in the evacuation of a mobile home 3 miles south-southwest of Mount Airy.									
Ashe County West Jefferson to Warrensville	09 10	2345EST 0100EST			0	0			Flash Flood
Surry County Countywide	10	0030EST 0300EST			0	0			Flash Flood
Heavy rain in portions of northwest North Carolina during the late evening hours on the 9th and early morning hours on the 10th resulted in flash flooding.									
Several roads in Surry County and from West Jefferson to Warrensville in Ashe County were closed because of flash flooding.									
Rockingham County Eden	10	0730EST			0	0	0.50K		Thunderstorm Wind
An isolated severe thunderstorm during the morning hours on the 10th knocked a tree down. A branch from the tree slightly damaged a house.									
NCZ006 Caswell	10 12	1700EST 2030EST			0	0			Flood
Heavy rainfall in portions of southwest Virginia and northwest North Carolina on the 9th and 10th resulted in minor flooding on the Dan River in northern Caswell County.									
Wilkes County 9 W Wilkesboro	19	1946EST			0	0	30K		Lightning
Thunderstorms during the evening hours on the 19th produced damaging lightning. Lightning started a fire which destroyed a home 9 miles west of Wilkesboro.									
Wilkes County 1 S Ronda	20	1530EST			0	0	8K		Lightning

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH CAROLINA, Northwest and North Central</u>									
Wilkes County 7 NW Wilkesboro	20	1530EST			0	0	8K		Lightning Thunderstorms during the afternoon hours on the 20th resulted in damaging lightning in Wilkes County. Lightning started a fire which destroyed an abandoned house 1 mile south of Ronda. Another lightning strike started a fire which destroyed an abandoned house 7 miles northwest of Wilkesboro.
Wilkes County Mulberry	24	1330EST			0	0			Thunderstorm Wind An isolated severe thunderstorm in northwest North Carolina during the early afternoon hours on the 24th produced damaging winds which knocked a large tree onto route 18 in Mulberry.
<u>NORTH CAROLINA, South Coastal</u>									
Bladen County Tobemory to Dublin	11	1633EST 1650EST			0	0			Lightning Brief torrential rain and intense lightning caused power outages. Reported by DuPont security.
New Hanover County (Ilm)Wilmington Arpt to 3 N (Ilm)Wilmington Arpt	12	1126EST 1128EST			0	0			Hail (1.00) Observed at airport weather observation, and across the area to 3 miles north.
New Hanover County Carolina Beach	12	1230EST			0	0			Lightning Police reported widespread power outage for 1/2 hour, due to torrential rain and lightning.
Brunswick County Leland	12	1530EST 1545EST			0	0			Hail (0.75) Power outages from lightning, heavy rain and hail.
Columbus County 2 N Whiteville to Whiteville	12	1905EST			0	0			Thunderstorm Wind (G53) Columbus County Sheriff reported tree limbs downed.
Brunswick County Leland	13	1427EST			0	0			Hail (1.75)
New Hanover County Wilmington	13	1444EST			0	0			Hail (0.75) Reported by observer at Eagle's Nest community
New Hanover County East Wilmington	13	1448EST			0	0			Hail (0.75) Reported by observer at Masonboro Loop community.
New Hanover County East Wilmington	13	1450EST 1500EST			0	0			Hail (1.00) Reported by observer in Seagate community.
Columbus County Lake Waccamaw to Bolton	14	1715EST 1730EST			0	0			Thunderstorm Wind (G60) Reported by Columbus County 911 Center.
Bladen County .5 N Tar Heel to Tar Heel	15	1555EST			0	0			Tstm Wind/Hail Reported by Bladen County Sheriff. Trees downed, along with 0.75 inch hail.
Robeson County Maxton to Lumberton	15	1611EST 1645EST			0	0			Tstm Wind/Hail Reported by Robeson County Sheriff. Storm moved East, downing power lines and trees. Lightning caused severe damage at WBTW-TV, and sparked several small fires around Lumberton.
Bladen County 5 S Elizabethtown	15	1630EST			0	0			Hail (1.00)
NCZ100	Brunswick 18 19	1000EST 1600EST			0	0			Tropical Storm Tropical Storm Arthur passed Cape Fear on June 19, causing winds as strong as 34 knots and gusts to 40 knots at Frying Pan Shoals Tower at 12 pm EST. Surf increased to 4 to 5 feet, but storm tide rise was minimal, and there was little beach erosion. Rainfall ranged around 2 to 3 inches in most areas, causing ponding on roads, but no serious flooding was reported.
NCZ101	New Hanover 18	1000EST 1600EST			0	0			Tropical Storm

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
June 1996									
<u>NORTH CAROLINA, South Coastal</u>									
Tropical Storm Arthur. See narrative for Brunswick County.									
NCZ097	Pender	18	1000EST		0	0			Tropical Storm
		19	1600EST						
Tropical Storm Arthur. See narrative for Brunswick County.									
New Hanover County		25	1230EST		0	0			Tstm Wind/Hail
Wilmington to East Wilmington			1340EST						
Thunderstorms dropped dime and quarter size hail, and winds downed trees and did minor damage to houses.									
New Hanover County		25	1555EST		0	0			Flash Flood
East Wilmington			1700EST						
County Emergency Management reported flooding from heavy rain, making roads impassible in East Wilmington and Ogden.									
<u>NORTH CAROLINA, Southwest</u>									
Catawba County		04	1340EST		0	0			Hail (1.00)
Hickory			1400EST						
Large hail was reported during a marginally severe thunderstorm.									
Rutherford County		08	1545EST		0	0			Thunderstorm Wind (G50)
Harris			1605EST						
Rowan County		08	1640EST		0	0			Thunderstorm Wind (G50)
1 S Granite Quarry			1700EST						
Rowan County		08	1655EST		0	0			Thunderstorm Wind (G50)
Spencer			1715EST						
Severe thunderstorm winds blew down trees and power lines in locations listed above.									
Iredell County		09	2115EST		0	0	10K		Thunderstorm Wind (G50)
2 S Mooresville			2130EST						
Patio furniture was damaged and a satellite dish was blown across the yard.									
Cleveland County		12	1300EST		0	0			Thunderstorm Wind (G50)
Earl			1320EST						
Numerous trees and power lines were blown down by the wind just across the South Carolina border. A train's path was blocked for several hours, shingles were blown off roofs, sheds were damaged or destroyed and fences were damaged.									
Iredell County		13	1500EST		0	0	5K		Lightning
Statesville			1515EST						
Rutherford County		13	1530EST		0	0	50K		Thunderstorm Wind (G50)
Rutherfordton			1550EST						
A powerful severe thunderstorm blew down numerous trees in town. Some fell on cars, destroying one and damaging many others. Other trees fell on houses and some structural wind damage to buildings was reported. Lightning destroyed one steer near Statesville.									
Henderson County		14	1945EST		0	18			Lightning
4 NE Tuxedo			2000EST						
Mecklenburg County		14	2119EST		0	0			Hail (0.75)
3 E Mint Hill			2145EST						
Cleveland County		15	0015EST		0	0			Hail (0.75)
Fallston to Gastonia			0045EST						
Large hail fell in eastern Mecklenburg county and in northern Cleveland county. Lightning injured 18 campers. Some were burned somewhat badly but most of the injuries were minor.									
Caldwell County		15	1210EST		0	0			Thunderstorm Wind (G50)
6 N Lenoir			1230EST						
Buncombe County		15	1500EST		0	0			Thunderstorm Wind (G50)
2 E Asheville			1520EST						

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>NORTH CAROLINA, Southwest</u>										
Buncombe County 2 E Asheville to Oteen	15	1713EST 1725EST			0	0			Hail (0.75)	
Buncombe County 3 E Asheville	15	1737EST 1750EST			0	0			Hail (1.00)	
Gaston County Belmont to Belmont South	15	2105EST 2125EST			0	0			Thunderstorm Wind (G50)	
Gaston County Gastonia	15	2130EST 2150EST			0	0			Thunderstorm Wind (G50)	
Slow moving thunderstorms developed in the foothills and mountains. Several repeating severe thunderstorms moved across the east side of Asheville causing multiple reports of large hail and some urban flooding. Some trees were blown down north of Lenoir. A severe thunderstorm moved southwest across Gaston county blowing down very large trees and causing a houseboat on Lake Wylie to blow loose and cross the lake. Houses on and near the lake were lightly damaged. There was frequent, intense lightning with the storms.										
Madison County 11 N Mars Hill	17	1700EST 2000EST			0	0			Flash Flood	
Creeks overflowed and private bridges were washed out.										
Iredell County Statesville	19	1550EST 1610EST			0	0			Thunderstorm Wind (G50)	
Jackson County Pumpkintown	19	1700EST 2000EST			0	0			Flash Flood	
A few trees were blown down at Statesville. A sudden flash flood in Jackson county caused creeks to overflow and caused mudslides.										
Cabarrus County Midland	20	1925EST 1945EST			0	0	30K		Thunderstorm Wind (G50)	
A tree fell during a severe thunderstorm and destroyed a mobile home.										
Graham County 5 SE Robbinsville to 8 SW Robbinsville	24	1135EST 1150EST			0	0			Thunderstorm Wind (G50)	
Buncombe County Leicester	24	1255EST 1315EST			0	0			Hail (0.88)	
Buncombe County Leicester	24	1255EST 1315EST			0	0			Thunderstorm Wind (G50)	
Buncombe County 3 SW Asheville	24	1302EST 1320EST			0	0			Hail (1.75)	
Buncombe County Avery Creek	24	1312EST 1325EST			0	0			Hail (0.75)	
Polk County Saluda	24	1400EST 1420EST			0	0			Hail (1.00)	
Polk County Mill Spg	24	1430EST 1450EST			0	0			Thunderstorm Wind (G50)	
Burke County 1 E Glen Alpine	24	1445EST 1505EST			0	0			Hail (0.75)	
Burke County 5 SW Morganton	24	1500EST 1520EST			0	0			Thunderstorm Wind (G50)	
Catawba County 5 SW Hickory to Startown	24	1513EST 1530EST			0	0			Hail (0.75)	
Burke County 5 E Morganton	24	1515EST 1535EST			0	0			Hail (1.00)	
Catawba County Hickory	24	1528EST 1550EST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>NORTH CAROLINA, Southwest</u>									
Catawba County 2 E Hickory	24	1545EST 1605EST			0	0			Thunderstorm Wind (G50)
Graham County Robbinsville	24	2250EST 2310EST			0	0			Hail (0.75)
Severe thunderstorms developed in the mountains or moved across from Tennessee. Numerous trees and power lines were downed starting west of Asheville in Graham county. A multicell complex of storms moved over the Asheville/Hendersonville area causing numerous reports of large hail. Damage numbers were not available at this writing. Trees fell on some structures. At least one mobile home was severely damaged. The storms continued east to Columbus, Morganton and Hickory where similar damage and hail occurred. A single severe thunderstorm redeveloped late at night causing large hail at Robbinsville.									
<u>NORTH DAKOTA, Central and West</u>									
Slope County Amidon	11	1625MST			0	0			Hail (0.75)
Bowman County Bowman	11	1705MST			0	0			Hail (0.75)
Bowman County Scranton	11	1710MST			0	0			Hail (0.75)
Stark County Dickinson Airport	11	1720MST			0	0			Hail (0.75)
Morton County New Salem	11	1840MST			0	0			Thunderstorm Wind (G52)
McLean County 7 W Garrison	11	1900CST			0	0	20K		Thunderstorm Wind (G60)
2 barns were destroyed along with a metal shed on a farm. Wind speed and property damage estimated.									
McLean County Garrison	11	1920CST			0	0			Thunderstorm Wind (G75)
Wind speed reported by Airforce missile complex.									
Morton County Mandan	11	2020CST			0	0			Thunderstorm Wind (G56)
Burleigh County Bismarck	11	2030CST			0	0			Thunderstorm Wind (G57)
Winds at WSFO Bismarck gusted to 52 mph with this storm. Large trees were reported downed near the capitol building. Wind speed estimated.									
Hettinger County 10 N Regent	14	0755MST			0	0			Hail (0.75)
Hettinger County 5 S Lefor	14	0818MST			0	0			Hail (0.75)
Stark County 3 S Lefor	14	0820MST			0	0			Hail (0.75)
Adams County 5 SE Reeder	14	1730MST			0	0			Hail (0.75)
Hettinger County Regent	14	1845MST			0	0			Hail (0.75)
Stark County 12 E Dickinson	14	1900MST			0	0			Thunderstorm Wind (G61)
wind speed estimated									
Hettinger County 9 SW Regent	14	1925MST			0	0			Hail (1.50)
Bottineau County 1 S Willow City	18	2000CST			0	0			Hail (1.00)
Mchenry County 3 N Upham	18	2005CST			0	0			Hail (1.25)
Pierce County 2 W Rugby	18	2110CST			0	0			Hail (1.00)
Ward County 8 W Minot	25	0145CST			0	0			Hail (1.00)
Mchenry County Balfour	25	0330CST			0	0	10K	0	Lightning
Lightning struck the cross on top of the Lutheran church steeple in Balfour. The steeple and the entryway suffered damage from the resulting fire before the fire was put out. Damage amount estimated.									
Billings County 25 SE Medora	28	1545MST			0	3	25K	500K	Hail (1.75)
The sudden hail storm injured a few park hikers, mostly with bruises. Winds of 70-80 mph were also reported. Damage estimated.									
Billings County 5 S Fryburg	28	1545MST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>NORTH DAKOTA, Central and West</u>									
Stark County 6 S Belfield	28	1600MST			0	0			Hail (0.75)
Stark County Dickinson Airport	28	1629MST			0	0			Thunderstorm Wind (G52)
Sioux County 10 SW Selfridge	28	1935MST			0	0	10K		Thunderstorm Wind (G61)
Strong winds tore roof off of a barn. Wind speed and damage estimated.									
Sioux County 10 N Ft Yates	28	2001MST	0	15	0	0	13K		Tornado (F0)
The reported small tornado severely damaged a trailer house. Path length...width and damage amount estimated.									
Emmons County Linton	28	2115CST			0	0			Thunderstorm Wind (G65)
Mercer County Golden Vly	30	1715MST			0	0			Thunderstorm Wind (G52)
Oliver County Hannover	30	1930CST			0	0			Hail (0.75)
60 mph winds were also reported with this storm.									
Oliver County Center	30	1948CST			0	0	12K		Thunderstorm Wind (G55)
A roof was blown off a house in Center. Wind speed and damage amount estimated.									
Morton County 10 SW Glen Ullin	30	1950MST	0	15	0	0			Tornado (F0)
Path length and width estimated.									
<u>NORTH DAKOTA, East</u>									
Towner County 12 SE Cando	05	1250CST	1	25	0	0			Tornado (F0)
Window blown out of tractor cab.									
Eddy County Sheyenne	05	1345CST	1	25	0	0			Tornado (F0)
Brief touchdown.									
Eddy County 5 W New Rockford	05	1420CST			0	0			Hail (1.00)
Grand Forks County 10 N Northwood	05	1455CST			0	0			Hail (0.75)
Grand Forks County 2 SE Inkster	05	1545CST			0	0			Hail (0.75)
Steele County 2 N Finley	05	1550CST			0	0			Hail (1.00)
Steele County 6 SW Hatton	05	1610CST			0	0			Hail (0.75)
Cavalier County 15 W Langdon	05	1618CST			0	0			Hail (0.75)
Cass County 1 NE Gardner	05	1710CST	0.5	20	0	0	0	0	Tornado (F0)
Grand Forks County 5 S Manvel	05	1819CST			0	0			Hail (0.75)
Cass County Page	05	2038CST			0	0			Hail (0.75)
Grand Forks County Northwood	05	2115CST			0	0	10K	10K	Hail (1.75)
Cass County Mapleton	05	2128CST			0	0			Hail (0.75)
Richland County Colfax	11	1340CST 1600CST			0	0	10K	10K	Flash Flood
Up to 4 inches of rain fell in less than 3 hours. Water was reported over highways and fields were flooded.									
Benson County 2 E Fillmore	18	2202CST			0	0			Hail (0.75)
Towner County 9 S Cando	18	2235CST	0.5	20	0	0	0	0	Tornado (F0)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>NORTH DAKOTA, East</u>								
Towner County								
Cando	18	2245CST			0	0	10K	Hail (1.00)
Ramsey County								
1 S Maza	18	2315CST			0	0		Hail (0.75)
Towner County								
1 N Maza	18	2320CST			0	0		Hail (1.00)
Towner County								
1 N Rock Lake	19	0130CST			0	0		Hail (0.75)
Towner County								
1 SW Sarles	19	0145CST			0	0		Hail (0.75)
Towner County								
Rock Lake	28	1905CST			0	0	300K	Thunderstorm Wind (G70)
Damaging straight line winds. Damage suggests several gustnadoes may have formed along the leading edge of the downburst. Several farms and large trees were damaged.								
Cavalier County								
Clyde	28	1935CST			0	0	100K	Thunderstorm Wind (G70)
Several buildings blown down. Trees uprooted.								
Cavalier County								
2 S Wales	28	2005CST			0	0	50K	Thunderstorm Wind (G70)
Large tree branches down.								
Pembina County								
8 S Walhalla	28	2040CST			0	0	10K	Thunderstorm Wind
Grain bins demolished.								
<u>OHIO, East</u>								
OHZ048-057	Coshocton - Muskingum							
	08	2220EST			0	0		Flood
	15	0600EST						
Widespread and prolonged flooding was reported across Coshocton County. Baldi, Killbuck and Wills Creek overflowed their banks and flooded roads. Many roads were flooded and closed in Litton Township for several days in Coshocton County. The Muskingum River at Coshocton also remained between 0.5 feet and 1.0 feet above its 13 foot flood stage for several days.								
Muskingum County								
Zanesville	11	1400EST			0	0		Flash Flood
		1600EST						
Several roads were flooded in Zanesville and small creeks went over their banks after thunderstorms with very heavy rain dropped 2-3 inches of rain in 1 hour. Also, high water was reported on State Route 16 west of Dresden.								
Coshocton County								
Keene	13	1700EST			0	0		Hail (0.75)
Carroll County								
Malvern	13	1840EST			0	0	2K	Thunderstorm Wind
Power lines were downed by thunderstorm winds in Malvern.								
Carroll County								
Lindentree	14	1615EST			0	0		Flash Flood
		1700EST						
A small stream in the western part of the county which normally runs 4 feet wide was running 100 feet wide in Rose Township. Also mudslides were blocking 2 roads after thunderstorms with very heavy rain moved through the county.								
Belmont County								
St Clairsville	19	0300EST			0	0	50K	Flash Flood
		0700EST						
Big Wheeling Creek went out of its banks and flooded some roads. County Road 20 in Wolfhurst was impassable. An evacuation of a mobile home park near St. Clairsville was ordered. Jug Run went out of its banks, closing a section of Route 9 northwest of St. Clairsville. A bridge across Jug Run was under water and part of the road was washed out. Water on Jug Run rose 10-15 feet very rapidly. Boydsville Road in Bridgeport was closed. Numerous basements were flooded in the eastern part of the county, especially in Martins Ferry and Bridgeport.								
Monroe County								
Woodsfield	19	0400EST			0	0	5K	Flash Flood
		0500EST						
Flood waters washed out a drainage culvert near Woodsfield.								
Tuscarawas County								
New Philadelphia	24	1215EST			0	0	8K	Thunderstorm Wind
Numerous trees were downed across the eastern part of New Philadelphia. A garage was shifted off its foundation.								
Tuscarawas County								
New Philadelphia	24	1220EST			0	0		Hail (0.75)
Tuscarawas County								
Uhrichsville	24	1230EST			0	0	35K	Thunderstorm Wind
A commercial building near Uhrichsville sustained extensive damage to its roof.								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, East									
Columbiana County 1 W East Liverpool	24	1320EST			0	0			Funnel Cloud
	Two funnel clouds were reported west of East Liverpool.								
Tuscarawas County New Philadelphia	24	1415EST 1500EST			0	0			Flash Flood
	Streams and creeks were flooded in the central part of the county.								
Jefferson County Steubenville	24	1440EST			0	0	1K		Thunderstorm Wind
	Thunderstorm winds downed 2 trees in Steubenville.								
OHIO, North									
Lorain County Vermilion	03	1210EST			0	0			Hail (0.75)
Wyandot County Upper Sandusky	03	1245EST			0	0			Hail (0.75)
Ottawa County Port Clinton	03	1300EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas, particularly on State Route 53.								
Wyandot County Upper Sandusky	03	1500EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas, especially along State Route 67 south of Upper Sandusky.								
Knox County Centerburg	03	1625EST			0	0			Hail (1.75)
Holmes County Nashville	03	1745EST			0	0			Hail (0.75)
Stark County Brewster	03	1815EST			0	0			Hail (0.88)
Lorain County Avon	04	1330EST			0	0			Hail (0.75)
Lorain County Avon	04	1335EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Cuyahoga County Rocky River	04	1357EST			0	0			Hail (0.75)
Cuyahoga County Parma	04	1400EST			0	0			Hail (0.75)
	Large hail fell for five minutes and covered the ground.								
Stark County Canal Fulton	04	1455EST			0	0			Hail (0.75)
	Large hail fell along Route 93.								
Summit County 2 E Clinton	04	1500EST			0	0			Hail (0.75)
Stark County Canton	04	1505EST 1510EST			0	0			Hail (0.75)
	Large hail occurred in the Canton area, including at Interstate 77 and Route 62.								
Wood County Custar	04	1739EST 1741EST	0.5	20	0	0	2K	0.50K	Tornado (F0)
	A tornado touched down near Custar and remained on the ground for a short time. Tree limbs and power lines were downed near State Routes 281 and 235.								
Wood County Weston	04	1809EST			0	0			Thunderstorm Wind (G50)
	Tree limbs and power lines were downed.								
Richland County Shelby	07	1558EST 1614EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Stark County Northwest	07	1936EST			0	0			Thunderstorm Wind (G50)
	Power lines were downed.								
Ashtabula County Colebrook	07	2010EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Ashtabula County Andover	07	2010EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of streets, basements and low lying areas in the southern part of the county.								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
OHIO, North									
Trumbull County Countywide	07	2010EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Erie County Huron	11	0023EST			0	0	350K		Lightning
	Lightning struck a Hidden Valley condo. The resulting blaze caused extensive damage.								
Lake County Mentor	11	1315EST 1320EST			0	0			Hail (1.00)
Summit County Tallmadge	11	1515EST			0	0			Hail (0.75)
	Three quarter inch hail fell on Route 76.								
Geauga County Bainbridge	11	1700EST			0	0	200K		Lightning
	Lightning struck a house. The resulting blaze caused extensive damage.								
Geauga County Troy	11	1715EST			0	1			Lightning
	A fifteen year old boy was hit by lightning and taken to the hospital.								
Mahoning County Northeast	11	1735EST			0	0			Thunderstorm Wind (G50)
	Large limbs were downed in the Struthers and Boardman areas.								
Lorain County Sheffield Township	12	1130EST			0	1			Lightning
	A woman was injured when struck by lightning.								
Lorain County Countywide	12	1220EST			0	0	30K		Flash Flood
	Heavy rain caused flooding of streets, basements and low lying areas, especially in the cities of Lorain and Elyria.								
Lorain County County Airport	12	1230EST			0	0			Hail (0.75)
Lake County Mentor	12	1250EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Cuyahoga County Northeast	12	1339EST			0	0	50K		Flash Flood
	Heavy rain caused flooding of streets and basements especially at Babbitt and Euclid Roads, Richmond Road and the Collinwood area. An underpass was flooded on Babbitt.								
Medina County Wadsworth	12	1340EST			0	0			Hail (0.75)
Wayne County Rittman	12	1340EST			0	0			Hail (0.75)
Lorain County South Of County Arpt	12	1420EST			0	0			Hail (0.75)
Stark County Marlboro Township	12	1500EST			0	0	3K		Lightning
	Lightning struck a barn which was damaged from the resulting blaze.								
Wood County Wayne	12	1532EST 1545EST			0	0			Thunderstorm Wind (G50)
Wood County Wayne	12	1532EST 1545EST			0	0			Hail (0.75)
	Three quarter inch hail fell and tree branches were downed. Power lines were downed at Route 199 south of Route 6.								
Ashtabula County Austinburg	12	1545EST			0	0			Flash Flood
	Heavy rain caused flooding of Route 45 north of Rock Creek								
Wood County Liberty Township	12	1600EST			0	0	5K		Lightning
	Lightning struck a house which sustained damage from the resulting blaze.								
Mahoning County Ellsworth Township	12	1600EST			1	3			Lightning
	Four men were injured when struck by lightning at the Diamond Back Golf Course. One of them died 17 days later, on June 29th. M32GF								
Wood County Wayne	12	1630EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Wayne County West Salem	12	1631EST			0	0	2K		Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
OHIO, North									
	Trees and large branches were downed.								
Geauga County									
Parkman Township	12	1700EST			0	1			Lightning
	A fifteen year old girl was injured when lightning struck the barn where she was milking a cow.								
Lake County									
Kirtland Hills	12	1755EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Stark County									
Massillon	13	1545EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas.								
Wayne County									
Wooster	13	1558EST			0	0			Flash Flood
	Flooding occurred on State Route 3 south of Wooster.								
Holmes County									
3 NW Holmesville	13	1608EST			0	0	5K		Thunderstorm Wind (G60)
	The roof was blown off a barn near Route 226.								
Wayne County									
Shreve	13	1610EST			0	0			Thunderstorm Wind (G50)
	Large tree limbs were downed.								
Wayne County									
Shreve	13	1610EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas. Manhole covers were blown off from the force of the water.								
Summit County									
Countywide	13	1615EST 1634EST			0	0			Flash Flood
	Heavy rain caused flooding of roads and low lying areas.								
Holmes County									
Millersburg	13	1640EST			0	0			Hail (0.75)
Holmes County									
Central Portion	13	1645EST			0	0			Flash Flood
	Heavy rain caused flooding of roads and low lying areas.								
Stark County									
Uniontown	13	1755EST			0	0			Hail (0.75)
Stark County									
Northern	13	1811EST 1940EST			0	0	20K		Flash Flood
	Heavy rain caused flooding at Route 91 and Pontius Road. The water reached a depth of four feet and two cars were stranded.								
Stark County									
Northern	13	1818EST			0	0	6K		Lightning
	Lightning struck and caused a fire at an oil well in the Middlebranch/Hartville area. Lightning also caused one house fire in North Canton.								
Stark County									
2 SW Canton	13	1823EST			0	0			Thunderstorm Wind (G56)
	A spotter reported a wind gust of 65 mph.								
Stark County									
Osnaburg Township	13	1845EST			0	0	10K		Thunderstorm Wind (G55)
	Trees were downed into a power line, knocking the wires onto an attached garage and setting it on fire. The fire was put before it damaged the house itself.								
Stark County									
Southern	13	1853EST			0	0	2K		Lightning
	Lightning struck an oil well in the Waynesburg/Magnolia area. The resulting blaze caused structural damage.								
Medina County									
Hinckley	13	2000EST			0	0	30K		Lightning
	Lightning struck a house and the resulting blaze destroyed the garage and an upstairs bedroom.								
Summit County									
Springfield Township	13	2017EST			0	0	20K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas. Some roads had up to three feet of water on them.								
Medina County									
Central Portion	13	2030EST 2115EST			0	0	10K		Thunderstorm Wind (G55)
	Trees and power lines were downed, one tree on a house at Chippewa Lake and one live wire on a house in Medina.								
Medina County									
Hinckley	13	2043EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Summit County									
Norton	13	2055EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, North									
Mahoning County Western Half	13	2106EST 2121EST			0	0	50K		Flash Flood
		Heavy rain caused flooding of basements, streets and low lying areas. Some streets in Sebring had eight inches of water on them.							
Lorain County Avon	13	2243EST			0	0			Thunderstorm Wind (G50)
		Utility poles and large branches were downed.							
Cuyahoga County North Olmsted	13	2255EST			0	0			Thunderstorm Wind (G50)
		Large tree limbs were downed.							
Wood County Southeast	14	0310EST			0	0			Thunderstorm Wind (G50)
		Large tree branches were downed.							
Ottawa County Oak Harbor	14	1512EST			0	0			Flash Flood
		Heavy thunderstorm rain caused flooding of roads and low lying areas.							
Sandusky County Fremont	14	1555EST			0	0	5K		Thunderstorm Wind (G60)
		A large tree was downed on an occupied car and large branches were also downed.							
Richland County Mansfield	14	1846EST 1935EST			0	0	30K		Flash Flood
		Heavy thunderstorm rain caused flooding of roads and low lying areas. Up to ten inches of water was on State Routes 42 and 430. East of Mansfield, on Honeysuckle Drive and Evergreen, there was three feet of water and a car was stalled in the flood water.							
Lorain County Avon	14	2303EST			0	0			Flash Flood
		Heavy rain caused flooding of streets and low lying areas.							
Portage County Streetsboro	14	2309EST			0	0			Hail (0.88)
Summit County Richfield	14	2315EST			0	0			Thunderstorm Wind (G50)
		Large tree limbs were downed.							
Summit County Twinsburg	14	2335EST			0	0	20K		Flash Flood
		Heavy rain caused flooding of streets, especially at Glenwood and Ravenna roads, basements and low lying areas.							
Portage County Streetsboro	14	2345EST			0	0	20K		Flash Flood
		Heavy rain caused flooding of roads, basements and low lying areas. State Route 303 was barricaded and traffic rerouted because of high water.							
Portage County Northeast	14	2350EST			0	0	30K		Lightning
		Lightning struck a barn in Mantua Township. The ground level was gutted. Lightning also struck two homes in Aurora. Power and phone service were knocked out at the police station.							
Wyandot County South Central	17	1940EST			0	0			Thunderstorm Wind (G56)
		Winds estimated at 60 to 65 miles per hour caused numerous power outages in the area of the Killdeer Wildlife Preserve.							
Fulton County Countywide	17	1945EST			0	0			Flash Flood
		Heavy rain caused flooding of roads, streams and low lying areas.							
Wyandot County Harpster	17	1945EST			0	0	75K		Thunderstorm Wind (G60)
		Trees were downed, one on a garage, which was destroyed along with the car inside it. Buildings were damaged, including a barn that was blown off its foundation.							
Fulton County Countywide	18	0829EST			0	0			Flash Flood
		Heavy rain caused flooding of roads and low lying areas.							
Sandusky County Woodville	18	1658EST			0	0			Flash Flood
		Heavy rain caused flooding of roads and low lying areas.							
Lorain County Vermilion	18	1720EST			0	0	10K		Flash Flood
		Heavy rain caused flooding of roads, basements and low lying areas. Highway 6 was water covered.							
Fulton County Northwest	18	1728EST			0	0			Flash Flood
		Heavy rain caused flooding of roads and low lying areas.							
Ottawa County Southern	18	1743EST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
OHIO, North									
			Heavy rain caused flooding of roads, particularly Route 105, and low lying areas.						
Lorain County Grafton	18	1922EST			0	1			Lightning
	A man was struck by lightning at Brush School.								
Lorain County Wellington	18	1930EST			0	0	20K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas. Route 18 and Quarry Road west of Wellington were water covered.								
Medina County Northern	18	2115EST 2130EST			0	0	30K		Flash Flood
	Heavy rain caused flooding of streets, basements and low lying areas. Some roads had up to twelve inches of water covering them.								
Cuyahoga County Southwest	18	2230EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, basements, streams and low lying areas. The Medina Olmsted Creek was out of its banks.								
Ashtabula County Northwest	19	1535EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of streets, basements and low lying areas. State Route 45 was flooded between Route 84 and I90 at Saybrook and roads were water covered at Austinburg.								
Erie County Huron	19	1655EST			0	0	2K		Thunderstorm Wind (G60)
	Trees and numerous large branches were downed.								
Lake County Northwest	19	1656EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas.								
Lake County Mentor	19	1656EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Erie County Huron	19	1720EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, streams, basements and low lying areas. Old Woman's Creek was out of its banks.								
Huron County Norwalk	19	1720EST			0	0			Flash Flood
	Heavy rain caused flooding of roads and low lying areas.								
Cuyahoga County Cleveland	19	1900EST			0	0	20K		Flash Flood
	Heavy rain caused flooding of streets, basements and low lying areas.								
Ashtabula County Northwest	19	2030EST			0	0	10K		Flash Flood
	Heavy rain caused flooding of roads, basements and low lying areas in Austinburg and Saybrook Townships.								
Lake County Madison	22	0335EST			0	0	1K		Thunderstorm Wind (G52)
Ashtabula County Northern Half	22	0345EST			0	0	1K		Thunderstorm Wind (G55)
	Trees and large branches were downed in the northeast lake shore counties.								
Crawford County Southern Third	22	0845EST			0	0	10K		Thunderstorm Wind (G55)
	Trees and large branches were downed at Bucyrus and Crestline. One tree fell on a house in Crestline.								
Richland County Central Portion	22	0910EST			0	0	40K		Thunderstorm Wind (G60)
	Trees were downed and a barn blown over at Ontario. Trees were downed in the Mansfield area, where windows were blown out at the fairgrounds.								
Ashland County Countywide	22	0934EST			0	0	2K		Thunderstorm Wind (G50)
	Trees and large branches were downed especially in the area around Widowville.								
Wayne County Wooster	22	0940EST			0	0	2K		Thunderstorm Wind (G50)
	Numerous trees and large branches were downed.								
Wayne County Wooster	22	0940EST			0	0			Hail (0.75)
Stark County Southern Third	22	1000EST 1015EST			0	0	2K		Thunderstorm Wind (G55)
	Large trees, limbs and power lines were downed in Perry and Canton Townships.								
Cuyahoga County Garfield Heights	24	0430EST			0	2	15K		Lightning
	Lightning struck a house. The resulting blaze caused considerable damage.								

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
OHIO, North									
Cuyahoga County Bedford Heights	24	0450EST			0	0			Hail (0.88)
Lorain County New Russia Township	24	0515EST			0	0			Thunderstorm Wind (G50)
		Trees were downed, some on power lines.							
Geauga County Countywide	24	0523EST 0613EST			0	0	10K		Lightning
		A barn fire in Troy Township was attributed to a lightning strike and a house in Middlefield was hit by lightning. A lightning strike also shut down part of the county's 911 system, but dispatchers moved to emergency protocol.							
Lorain County Countywide	24	0615EST			0	0	30K		Lightning
		Lightning strikes knocked out power throughout the county. A lightning strike is believed to have set fire to a barn in Columbia Township. The barn was destroyed along with its contents, including antiques, tools and a 1928 Buick.							
Geauga County Countywide	24	0620EST			0	0	50K		Flash Flood
		Heavy rain caused flooding of streets, basements and low lying areas. Some streets were washed out in Auburn.							
Trumbull County Warren	24	0648EST			0	0			Hail (0.88)
Portage County Ravenna	24	0718EST			0	0			Hail (0.88)
Richland County Countywide	24	1045EST			0	0	2K		Thunderstorm Wind (G50)
		Trees were downed, some on power lines, causing power outages.							
Marion County Central Portion	24	1100EST			0	0	2K		Thunderstorm Wind (G55)
		A few trees and power lines were downed.							
Crawford County Bucyrus	24	1110EST			0	0	2K		Thunderstorm Wind (G55)
		Large trees and power lines were downed.							
Richland County Countywide	24	1115EST 1130EST			0	0	2K		Thunderstorm Wind (G55)
		Numerous trees and branches were downed.							
Richland County Mansfield	24	1115EST			0	0	10K		Flash Flood
		Heavy rain caused flooding of low lying areas, basements and roads, some of which were closed.							
Medina County Countywide	24	1120EST			0	0	10K		Thunderstorm Wind (G50)
		Trees and power lines were downed. In Gloria Glens Park, a tree fell on a house.							
Ashland County Ashland	24	1130EST			0	0	1K		Thunderstorm Wind (G50)
		Trees were downed, some on power lines, causing power outages.							
Ashland County Ashland	24	1130EST			0	0	1K		Lightning
		Lightning struck a power/transmitter, setting off multiple alarms and disrupting power to businesses.							
Stark County Pike Township	24	1150EST			0	0	75K		Thunderstorm Wind (G65)
		A 134 year old barn and a 1995 pickup truck inside the barn were destroyed. A porch was blown off a house and one of the porch pillars landed on the roof of the house.							
Medina County Countywide	24	1150EST			0	0	15K		Flash Flood
		Heavy rain caused flooding of streets, basements and low lying areas. State Route 18 had eight inches of water in some places.							
Richland County Countywide	24	1150EST			0	0	20K		Flash Flood
		Heavy rain caused flooding of streets, basements and low lying areas. In Mansfield, the parking garage of the library was flooded and cars were stranded in the high water on the roads.							
Summit County Countywide	24	1151EST			0	0	30K		Flash Flood
		Heavy rain caused flooding of streets, basements and low lying areas. Route 18 and I-77 in Fairlawn were flooded.							
Wayne County Countywide	24	1200EST			0	0	2K		Thunderstorm Wind (G50)
		Numerous trees and large branches were downed.							
Summit County Hudson	24	1200EST			0	0	10K		Lightning
		Two lightning strikes caused damage to two houses.							

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
<u>OHIO, North</u>									
Stark County Countywide	24	1200EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Holmes County Countywide	24	1213EST			0	0	2K		Thunderstorm Wind (G55)
	Numerous trees and large branches were downed.								
Summit County West Central	24	1215EST			0	0	75K		Thunderstorm Wind (G60)
	Numerous trees were downed, part of a roof was taken off Wyoga Lake Towers in Cuyahoga Falls, the roof of a house in Talmadge was crushed by a falling tree and other homes and buildings were damaged.								
Holmes County Countywide	24	1220EST			0	0	2K		Thunderstorm Wind (G50)
	Numerous trees and branches were downed.								
Portage County Countywide	24	1220EST 1230EST			0	0	10K		Lightning
	There were nineteen calls of lightning strikes to homes and one barn. In Ravenna, a house was struck by lightning which caused damage from power surges.								
Knox County Countywide	24	1230EST			0	0	2K		Thunderstorm Wind (G50)
	Numerous trees and branches were downed across the area.								
Portage County Rootstown	24	1230EST			0	0	75K		Thunderstorm Wind (G80)
Mahoning County Countywide	24	1230EST 1327EST			0	0	2K		Thunderstorm Wind (G55)
	Trees and branches were downed.								
Stark County Countywide	24	1230EST			0	0	5K		Thunderstorm Wind (G50)
Wayne County Countywide	24	1245EST			0	0	12K		Thunderstorm Wind (G50)
	Numerous trees, large branches and power lines were downed in the three county area. At least one tree fell on a car in North Canton (Stark). One car was damaged, a bull dozer tipped over and six houses damaged in Rootstown (Portage). A damage survey in Rootstown indicated straight line winds were likely responsible.								
Trumbull County Liberty Township	24	1310EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Ashtabula County Pymatuning	24	1310EST			0	0	200K		Lightning
	Lightning struck a barn and the barn was destroyed by the resulting fire. Equipment and hay were also lost.								
Mahoning County Countywide	24	1311EST 1400EST			0	0	250K		Flash Flood
	Heavy rain caused flooding of streets, basements and low lying areas. Sebring's sewer treatment plant was rendered inoperable, with thirty feet of water and sewage filling the lower two levels.								
Stark County Countywide	24	2000EST 2020EST			0	0			Flash Flood
	Heavy rain caused flooding of streets and low lying areas.								
Lorain County Elyria	25	1330EST			0	0	2K		Flash Flood
	A car stalled at the crossing ford in Elyria Cascade Park. A woman and two children walked to the riverbank after which the water rose very quickly to three feet and engulfed the car. The water level was attributed to rain storms in the southern part of the city the day before.								
Ashtabula County Offshore Conneaut	26	1530EST			0	0			Waterspout
	Water spouts, contained within an area of showers and thunderstorms, were reported just north of Conneaut. They did not come ashore and there was no known damage.								
<u>OHIO, Northwest</u>									
	NONE REPORTED.								
<u>OHIO, Southeast</u>									
Lawrence County Ironton	06	1835EST			0	0	200K		Thunderstorm Wind
	Trees and several large limbs fell across roads and houses. Mobile homes and houses sustained damage, mainly to awnings and porches. Damage was generally between Fifth and Twelfth								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southeast									
									Streets on the south side of town. Two cars were damaged and one destroyed. The sides of a storage barn for the state were torn away.
Jackson County									
Jackson	07	1700EST			0	0	3K		Thunderstorm Wind
									Large tree branches were snapped off and a few trees were uprooted.
Vinton County									
Hamden	07	1715EST			0	0	1K		Thunderstorm Wind
									Large branches were blown to the ground.
Athens County									
New Marshfield	07	1720EST			0	0	1K		Thunderstorm Wind
									Trees branches and power lines were blown down.
Meigs County									
Pomeroy	08	1710EST			0	0	10K		Thunderstorm Wind
									Ten to 20 trees were down in the village with prolong power outages.
Lawrence County									
Proctorville	08	1815EST 1900EST			0	0	10K		Flash Flood
									Streams flooded and closed Route 93. Damage was minimal.
Meigs County									
Syracuse to Pomeroy	08	1940EST 1945EST			0	0	10K		Thunderstorm Wind
									Around 40 trees in the Beech Grove Cemetery were uprooted in Pomeroy.
Lawrence County									
Lecta	09	1630EST			0	0			Hail (0.75)
Gallia County									
7 SW Gallipolis	09	1645EST			0	0	5K		Thunderstorm Wind
									Several trees were downed in Harrison Township.
Gallia County									
Morgan Center	09	1850EST			0	0			Hail (0.75)
Vinton County									
Prattsville to Radcliff	09	1930EST 2300EST			0	0	75K		Flash Flood
									Stream flooding was widespread across eastern areas of the county. Propane tanks, camping trailers, and a few cars were damaged. Racoon Creek was the main stream that flooded. Route 50 east of Prattsville was closed due to the flooding.
Meigs County									
Rutland	09 10	2000EST 0400EST			0	0	20K		Flash Flood
									Leading Creek overflowed onto roads. Structural damage was minimal.
Athens County									
Mineral	09	2030EST 2300EST			0	0	25K		Flash Flood
									People were evacuated along Route 356, several roads were closed by the small stream flooding.
Perry County									
Maxville	14	1445EST			0	0			Hail (0.75)
Perry County									
Portersville	14	1510EST			0	0	1K		Thunderstorm Wind
									Several trees were blown down at the intersection of Routes 555 and 37.
Washington County									
Marietta	14	1530EST 1630EST			0	0	50K		Lightning
									An estimated 3,000 dwellings were without electricity from numerous strokes. Two cars were damaged by trees struck by lightning. A radio station had some of its equipment damaged.
Perry County									
Maxville	14	1550EST 1730EST			0	0	10K		Flash Flood
									Propane and oil well tanks were washed onto Route 312 from

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
OHIO, Southeast										
		stream flooding.								
Athens County Albany to Pratts Fork	14	1655EST			0	0	5K		Thunderstorm Wind	
	Trees were knocked down along the Route 33 corridor.									
Athens County Hollister to Athens	19	0130EST 0230EST			0	0	10K		Flash Flood	
	Houses were surrounded by water along Route 78 in Hollister, while a flooding stream in Athens had water around parked cars.									
Perry County 3 E Shawnee	19	0130EST 0230EST			0	0	2K		Flash Flood	
	Route 155 was blocked by flooding streams.									
Washington County Newport	22	1337EST			0	0			Hail (0.75)	
Washington County Marietta	22	1615EST			0	0	200K		Thunderstorm Wind	
	Numerous large trees were downed in the city. The hardest hit area was the Harmar section. One large tree caused substantial damage to a house, when it crashed into the second floor.									
Lawrence County Eastern Half	23	0000EST 0900EST			0	0	400K		Flash Flood	
	Two inches of rain in 1 to 2 hours caused flooding that was mainly concentrated along Symmes and Little Guyan Creeks in the eastern part of the county. Seven mobile homes and 8 low income houses were destroyed. About 30 familes were affected. The Scottown Post Office was also flooded.									
Gallia County Southern Portion	23	0000EST 0500EST			0	0	750K		Flash Flood	
	Streams such as Johns Creek, Swan Creek, and Sugar Creek saw significant flooding in the Mercerville to Crown City region of the county. Seven residences were destroyed and another 16 homes and 4 businesses had major damage. Four small county bridges were damaged, while one bridge was destroyed.									
Jackson County Jackson	24	1525EST			0	0	2K		Thunderstorm Wind	
Athens County Athens	24	1530EST			0	0	10K		Thunderstorm Wind	
	Trees were blown down in the city.									
Washington County 3 E Reno	24	1535EST			0	0	3K		Thunderstorm Wind	
	Five trees were uprooted on one resident's property.									
OHIO, Southwest										
Logan County Lakeview	03	1300EST 1305EST			0	0			Hail (0.75)	
Preble County Eaton	03	1310EST 1315EST			0	0			Hail (0.75)	
Montgomery County Trotwood	03	1315EST 1320EST			0	0			Hail (0.75)	
Darke County Versailles	03	1435EST 1440EST			0	0			Hail (1.00)	
Shelby County Botkins	03	1445EST 1450EST			0	0			Hail (1.75)	
Miami County Troy	03	1500EST			0	1			Lightning	
	Lightning struck a lady who was doing dishes by the kitchen sink.									
Montgomery County Shiloh	03	1511EST 1515EST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southwest									
Franklin County Columbus	03	1522EST 1525EST			0	0			Hail (0.75)
Butler County Middletown	03	1530EST 1535EST			0	0			Hail (0.75)
Warren County Kings Mills	03	1645EST 1650EST			0	0			Hail (0.88)
Clinton County Sabina	03	1725EST 1730EST			0	0			Hail (0.75)
Fayette County Washington Court Hou	03	1728EST 1732EST			0	0			Hail (0.75)
Franklin County Columbus	03	2009EST 2012EST			0	0			Hail (1.00)
Adams County Manchester	06	1540EST 1545EST			0	0	5K		Thunderstorm Wind (G50)
		Numerous trees downed.							
Scioto County Countywide	06	1640EST 1645EST			0	0	4K		Thunderstorm Wind (G50)
		Numerous trees downed.							
Clermont County Milford	06	1800EST			0	0	1K		Lightning
		Lightning struck the pumphouse of an apartment complex.							
Scioto County Bear Creek	07	1620EST 1625EST			0	0	5K		Thunderstorm Wind (G50)
		Numerous trees downed.							
Pike County Stockdale	07	1655EST 1700EST			0	0	3K		Thunderstorm Wind (G50)
		Numerous trees downed.							
Clinton County Wilmington	11	2030EST			0	0	100K		Lightning
		Lightning struck a home causing extensive damage.							
Ross County Frankfort	12	1500EST			1	2	50K		Lightning
		Lightning struck a propane tank which caused a nearby home to explode. One person was killed and 2 were injured. F13PH							
Fairfield County Carroll	14	1430EST 1435EST			0	0			Hail (0.75)
Clark County Springfield	14	1430EST 1435EST			0	0			Hail (1.00)
Miami County Troy	14	1500EST 1505EST			0	0	3K		Thunderstorm Wind (G50)
		Large trees downed.							
Franklin County Grove City	14	1505EST 1510EST			0	0	5K		Thunderstorm Wind (G50)
		Numerous trees downed. 0.75 inch diameter hail.							
Miami County Tipp City	14	1526EST 1530EST			0	0			Hail (0.75)
Montgomery County Vandalia	14	1530EST 1535EST			0	0			Hail (1.75)
Greene County (Ffo)Wright-Patt Afb	14	1530EST 1535EST			0	0			Hail (0.75)
Miami County Covington	14	1600EST			0	0	20K		Lightning
		Lightning struck a church sparking a fire in the attic.							

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
OHIO, Southwest							
Greene County Beavercreek	14	1607EST 1612EST			0 0	160K	Thunderstorm Wind (G60)
			Wind gust damaged roof of Beavercreek High School. 0.75 inch diameter hail.				
Pickaway County New Holland	14	1625EST 1630EST			0 0	3K	Thunderstorm Wind (G50)
			Numerous trees downed.				
Montgomery County Centerville	14	1640EST 1645EST			0 0	3K	Thunderstorm Wind (G50)
			Numerous trees downed.				
Ross County Countywide	14	1645EST 1700EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous large trees downed.				
Ross County Countywide	14	1715EST 1720EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous trees downed.				
Highland County Hillsboro	14	1726EST 1730EST			0 0		Hail (0.88)
Butler County West Chester	14	1735EST 1740EST			0 0	3K	Hail (0.75)
Adams County Locust Grove	14	1800EST 1805EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous large trees downed.				
Ross County Countywide	14	1800EST 1839EST			0 0	10K	Flash Flood
Clermont County Amelia	14	1840EST 1845EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous large trees downed.				
Brown County Countywide	14	1900EST 1910EST			0 0		Hail (0.75)
Highland County Concord Twp	14	1930EST			0 0	25K	Lightning
			Lightning struck a tree which fell killing 7 cows.				
Warren County Morrow	18	1630EST 1635EST			0 0	5K	Thunderstorm Wind (G60)
			Numerous trees downed.				
Highland County Countywide	18	1645EST 1655EST			0 0	10K	Thunderstorm Wind (G50)
			Barn roof blown off and Hog Houses downed.				
Greene County Countywide	18	1700EST 1705EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous trees and power lines downed.				
Hamilton County Clifton	18	1700EST			0 0	25K	Lightning
			Lightning struck a home which started a fire.				
Hamilton County Elizabethtown	18	1700EST 1705EST			0 0	6K	Thunderstorm Wind (G60)
			Strong winds destroyed a carport and blew out windows. Large limbs were downed on top of a car and pleasure boat.				
Madison County Countywide	18	1720EST 1725EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous trees downed.				
Clark County Countywide	18	1725EST 1735EST			0 0	5K	Thunderstorm Wind (G50)
			Numerous trees downed.				

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Property Damage	Crops	Character of Storm	June 1996
<u>OHIO, Southwest</u>										
Franklin County Worthington	18	1800EST 1806EST			0	0	10K		Thunderstorm Wind (G50)	
		Numerous trees and power lines downed.								
Hocking County Carbon Hill	19	1330EST 1400EST			0	0	5K		Flash Flood	
Hamilton County Blue Ash	22	1500EST			0	1			Lightning	
		Man survived lightning strike.								
Hamilton County Delhi	22	1926EST 1928EST			0	0	3K		Thunderstorm Wind (G65)	
Madison County London	24	1230EST 1235EST			0	0	10K		Thunderstorm Wind (G50)	
		Barn destroyed.								
Fayette County 10 SW Washington Court Hou	24	1305EST 1310EST			0	0	3K		Thunderstorm Wind (G50)	
		Numerous trees and power lines downed.								
Hamilton County Cincinnati	24	1400EST 1405EST			0	0	5K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
Highland County Countywide	24	1430EST 1440EST			0	0	5K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
Clermont County Batavia	24	1430EST 1435EST			0	0	3K		Thunderstorm Wind (G50)	
		Numerous trees and power lines downed.								
Ross County Countywide	24	1434EST 1438EST			0	0	3K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
Ross County Frankfort	24	1445EST 1450EST			0	0	3K		Thunderstorm Wind (G50)	
		Numerous trees and power lines downed.								
Pike County Countywide	24	1450EST 1455EST			0	0	5K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
Adams County Locust Grove	24	1455EST 1500EST			0	0	3K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
Scioto County Countywide	24	1515EST 1520EST			0	0	5K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
Pike County Beaver	24	1525EST 1528EST			0	0	3K		Thunderstorm Wind (G50)	
		Numerous trees downed.								
<u>OKLAHOMA, Extreme Southeast</u>										
Mccurtain County 2 N Battiest to Battiest	03	2107CST			0	0			Thunderstorm Wind (G60)	
		Several trees toppled.								
Mccurtain County 2 NW Idabel to Idabel	03	2210CST			0	0			Thunderstorm Wind (G60)	
		Trees blown down across power lines.								
Mccurtain County 2 N Valliant to Valliant	03	2212CST			0	0			Thunderstorm Wind (G65)	

Storm Data and Unusual Weather Phenomena

June 1996

		Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm	June 1996
Location		Date								
OKLAHOMA, Extreme Southeast										
Trees blown down across pwer lines caused numerous power outages across the city.										
Mccurtain County										
2 S Broken Bow to Broken Bow	06	2108CST			0	0			Thunderstorm Wind (G60)	
Mccurtain County										
4 E Broken Bow to Broken Bow	17	1900CST 1905CST			0	0			Hail (0.75)	
OKLAHOMA, Northeast										
Osage County										
3 E Burbank	01	0000CST			0	0			Hail (1.00)	
Osage County										
3 E Burbank	01	0000CST			0	0			Thunderstorm Wind (G52)	
Osage County										
Wynona	01	0051CST			0	0			Hail (1.00)	
Washington County										
Ochelata	01	0054CST			0	0			Thunderstorm Wind (G52)	
Washington County										
Ochelata	01	0055CST			0	0			Thunderstorm Wind (G52)	
Nowata County										
Nowata	01	0105CST			0	0	0.10K		Thunderstorm Wind	
Craig County										
7 S Centralia	01	0125CST			0	0			Thunderstorm Wind (G52)	
Tulsa County										
Owasso	01	0130CST			0	0	1K		Thunderstorm Wind	
Craig County										
5 N Vinita	01	0130CST			0	0			Thunderstorm Wind (G52)	
Craig County										
1 E Vinita	01	0130CST			0	0			Thunderstorm Wind (G52)	
Rogers County										
Oologah	01	0130CST			0	0	0.10K		Thunderstorm Wind	
Craig County										
Welch	01	0135CST			0	0			Hail (0.75)	
Craig County										
Welch	01	0135CST			0	0			Thunderstorm Wind (G61)	
Tulsa County										
Leonard	01	0150CST			0	0			Thunderstorm Wind (G52)	
Delaware County										
Cleora	01	0150CST			0	0	0.10K		Thunderstorm Wind	
Ottawa County										
2 E Afton	01	0159CST			0	0			Hail (0.75)	
Wagoner County										
Stone Bluff	01	0210CST			0	0			Thunderstorm Wind (G56)	
Muskogee County										
6 SW Muskogee	01	0230CST			0	0			Thunderstorm Wind (G61)	
Severe thunderstorms moved across northeast Oklahoma during the early morning of June 1st. Strong thunderstorm winds snapped telephone poles near 86th Street North and Memorial in Owasso. Trees were blown down in Cleora, and large tree limbs were blown down in Nowata and in Oologah. Thunderstorm winds gusted to 70 miles an hour in Welch and 6 miles southwest of Muskogee and to 60 to 70 miles an hour in Stone Bluff. Thunderstorm winds gusted to 60 miles an hour at several other locations in northeast Oklahoma. Quarter size hail fell 3 miles east of Burbank and at Wynona, and dime size hail fell at Welch and 2 miles east of Afton.										
Delaware County										
3 WNW Jay	02	2245CST			0	0			Hail (0.75)	
Tulsa County										
Sand Springs	02	2316CST			0	0			Hail (0.75)	
Tulsa County										
Tulsa	02	2330CST			0	0			Hail (0.88)	
Tulsa County										
Tulsa	02	2332CST			0	0			Hail (0.88)	
Tulsa County										
Tulsa	02	2333CST			0	0			Hail (0.75)	
Tulsa County										
Tulsa	02	2337CST			0	0			Hail (0.88)	
Tulsa County										
Tulsa	02	2345CST			0	0	4K		Thunderstorm Wind (G78)	
Tulsa County										
Tulsa	02	2354CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
<u>OKLAHOMA, Northeast</u>										
Tulsa County										
Tulsa	02	2355CST			0	0				Hail (1.00)
Tulsa County										
Tulsa	02	2357CST			0	0				Hail (0.88)
Tulsa County										
Tulsa	03	0010CST			0	0				Hail (0.88)
Tulsa County										
Tulsa	03	0012CST			0	0				Hail (0.75)
Tulsa County										
Bixby	03	0016CST			0	0				Hail (1.00)
Wagoner County										
Oneta	03	0024CST			0	0				Hail (0.75)
Tulsa County										
Leonard	03	0028CST			0	0				Hail (1.00)
Tulsa County										
Leonard	03	0028CST			0	0				Thunderstorm Wind (G52)
Tulsa County										
Tulsa	03	0030CST			0	0				Hail (1.00)
Okmulgee County										
4 N Natura	03	0112CST			0	0				Hail (0.88)
Muskogee County										
Jamesville	03	0116CST			0	0				Hail (0.88)
Severe thunderstorms developed in northeast Oklahoma during the late evening of June 2nd and early morning of June 3rd. Thunderstorm winds estimated at 80 to 100 miles an hour downed telephone poles and blew the roof off a fencing company at 41st Street and 29th West Avenue in the western part of the city of Tulsa, and numerous trees and power lines were blown down in the Red Fork area in the western part of the city. Thunderstorm winds gusted to 60 miles an hour near Leonard and in Jamesville.										
Dime to quarter size hail fell at numerous locations in the city of Tulsa, and the hail covered the ground at spots in the southern part of the city. The hail covered the ground to a depth of 4 inches at 75th and St. Louis in the southern part of the city of Tulsa. Quarter size hail also fell at Bixby, and dime to quarter size hail fell near Leonard. Nickel size hail fell 4 miles north of Natura and at Jamesville, and dime size hail fell 3 miles west northwest of Jay, at Sand Springs, and at Oneta.										
Muskogee County										
Jamesville	03	0116CST			0	0				Thunderstorm Wind (G52)
Creek County										
Iron Post	03	1812CST			0	0				Hail (0.75)
Okfuskee County										
3 E Mason	03	1820CST			0	0	0.10K			Thunderstorm Wind
Okmulgee County										
Henryetta	03	1855CST			0	0	0.10K			Thunderstorm Wind
Okmulgee County										
1 SE Dewar	03	1856CST			0	0	0.10K			Thunderstorm Wind
Mcintosh County										
22 W Eufaula	03	1910CST			0	0				Hail (0.75)
Mcintosh County										
Onapa	03	1925CST			0	0				Hail (1.00)
Mcintosh County										
1 W Eufaula	03	1927CST			0	0				Thunderstorm Wind (G52)
Pittsburg County										
Quinton	03	1940CST			0	0	1K			Thunderstorm Wind
Latimer County										
Panola	03	1955CST			0	0	0.10K			Thunderstorm Wind
Le Flore County										
Talihina	03	2035CST			0	0	1K			Thunderstorm Wind
Severe thunderstorms moved across eastern Oklahoma during the evening of June 3rd. Strong thunderstorm winds downed a few trees and telephone poles in the east part of the town of Talihina, and several trees, street signs, and 2 to 3 inch diameter tree limbs were blown down in Quinton. Large trees were blown down over power lines 1 mile southeast of Dewar, and trees and 4 to 5 inch diameter tree limbs were blown down in Henryetta. 4 to 5 inch diameter tree limbs were also blown down 3 miles east of Mason, and several 2 to 3 inch diameter tree limbs were blown down in Panola. Thunderstorm winds gusted to 60 miles an hour 1 mile west of Eufaula. Quarter size hail fell at Onapa, and dime size hail fell at Iron Post and 22 miles west of Eufaula.										
Washington County										
Bartlesville	04	2255CST			0	0				Hail (0.88)
Washington County										
Bartlesville	04	2258CST			0	0				Thunderstorm Wind (G56)
Washington County										
1 N Bartlesville	04	2303CST			0	0				Thunderstorm Wind (G70)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
OKLAHOMA, Northeast										
Washington County Bartlesville	04	2320CST			0	0			Hail (1.00)	
A severe thunderstorm produced 80 mile an hour winds just north of Bartlesville and 60 to 70 mile an hour winds on the northwest side of Bartlesville. Hail up to quarter size also fell on the northwest side of Bartlesville.										
Osage County 7 SW Burbank	05	2245CST			0	0			Thunderstorm Wind (G53)	
Osage County Burbank	05	2254CST			0	0			Thunderstorm Wind (G52)	
Pawnee County 6 W Maramec	05	2305CST			0	0			Thunderstorm Wind (G52)	
Pawnee County Pawnee	05	2310CST			0	0			Thunderstorm Wind (G52)	
Creek County Bristow	05	2325CST			0	0	0.10K		Thunderstorm Wind	
Creek County Mannford	05	2327CST			0	0			Thunderstorm Wind (G52)	
Osage County 4 E New Prue	05	2350CST			0	0			Thunderstorm Wind (G52)	
Tulsa County 2 W Tulsa	06	0003CST			0	0			Hail (0.75)	
Creek County Kiefer	06	0014CST			0	0			Thunderstorm Wind (G56)	
OKZ054	Osage 06	0015CST 0025CST			0	0			High Wind (G56)	
Severe thunderstorms moved across northeast Oklahoma during the late evening of June 5th and very early morning of June 6th. Strong thunderstorm winds downed large tree limbs in Bristow, and 60 mile an hour winds downed small trees and tree limbs 4 miles east of New Prue. Thnuderstorm winds gusted to 65 miles an hour in Kiefer, to 61 miles an hour at an automated observing site 7 miles southwest of Burbank, and to 60 miles an hour in Burbank, 6 miles west of Maramec, in Pawnee, and in Mannford. Dime size hail fell on Gilcrease Road 2 miles west of Tulsa.										
As the thunderstorms weakened, strong outflow winds spread north across Osage County. An automated observing site 8 miles east southeast of Foraker recorded a peak wind gust of 65 miles an hour at 0020CST. Several other gusts over 60 miles an hour occurred between 0015CST and 0025CST. The temperature warmed about 15 degrees into the mid 80s during this time and remained in the 80s for several hours.										
Sequoyah County Sallisaw	06	0300CST			0	0	10K		Thunderstorm Wind	
A severe thunderstorm produced strong winds which blew U-Haul trailers over in Sallisaw.										
Okfuskee County Weleetka	06	1815CST			0	0			Thunderstorm Wind (G56)	
Pittsburg County Scipio	06	1834CST			0	0			Hail (1.00)	
Pittsburg County 3 SW Mc Alester	06	1854CST	0.1	25	0	0			Tornado (F0)	
Pittsburg County Canadian	06	1857CST			0	0			Thunderstorm Wind (G52)	
Latimer County 1 W Wilburton	06	1920CST			0	0	0.10K		Thunderstorm Wind	
Latimer County Wilburton	06	1925CST			0	0			Thunderstorm Wind (G52)	
Latimer County 8 S Wilburton	06	1935CST			0	0	3K		Thunderstorm Wind	
Le Flore County Heavener	06	1945CST			0	0			Hail (0.88)	
Latimer County 2 SW Red Oak	06	1945CST			0	0	0.10K		Thunderstorm Wind	
Le Flore County Wister	06	2000CST			0	0	0.10K		Thunderstorm Wind	
Le Flore County 14 SW Heavener	06	2020CST	0.1	25	0	0			Tornado (F0)	

Severe thunderstorms moved across southeast Oklahoma during the evening of June 6th. The storms spawned 2 tornadoes, and also produced damaging winds and large hail.

The first tornado touched down briefly at 1854CST on the north side of the Army Ammunition Plant 3 miles southwest of McAlester. No damage occurred with this F0 tornado.

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
OKLAHOMA, Northeast										
The second tornado touched down briefly at 2020CST 14 miles southwest of Heavener. Trees were twisted and many tree limbs were broken off, but no structural damage occurred with this F0 tornado.										
Damaging straight-line winds also occurred with the storms. Siding was blown off a house 8 miles south of Wilburton, trees were blown down just west of Wilburton and 2 miles southwest of Red Oak, and large tree limbs were blown down in Wister. Thunderstorm winds gusted to 60 miles an hour in Wilburton, and numerous large trees were blown down over county roads in Wilburton. Thunderstorm winds gusted to 60 to 70 miles an hour in Weleetka and to 60 miles an hour in Canadian. Large hail also accompanied the storms. Quarter size hail fell at Scipio, and nickel size hail fell at Heavener.										
Le Flore County Heavener	06	2030CST 2100CST			0	0	5K		Flash Flood	
Thunderstorms in Le Flore County produced very heavy rainfall which resulted in flash flooding in Heavener. 6 inches of water covered one highway, and stores and a service station were flooded in Heavener.										
Cherokee County 5 W Hulbert	12	1430CST			0	0			Hail (0.75)	
A severe thunderstorm produced dime size hail 5 miles west of Hulbert.										
Le Flore County In And Nr Spiro	12	1745CST 1815CST			0	0			Flash Flood	
Thunderstorms in Le Flore County produced very heavy rainfall which resulted in considerable flooding of roads in and near Spiro.										
Pawnee County Ralston	16	1940CST			0	0			Thunderstorm Wind (G61)	
Pawnee County 5 N Pawnee	16	1940CST			0	0			Thunderstorm Wind (G61)	
Pawnee County 5 N Pawnee	16	1940CST			0	0			Hail (0.75)	
Osage County Hominy	16	1945CST			0	0			Thunderstorm Wind (G52)	
Osage County Hominy	16	1955CST			0	0			Thunderstorm Wind (G52)	
Osage County Hominy	16	2011CST			0	0			Thunderstorm Wind (G61)	
Pawnee County 1 NW Pawnee	16	2115CST			0	0			Thunderstorm Wind (G56)	
Pawnee County 3 NE Pawnee	16	2115CST			0	0			Thunderstorm Wind (G56)	
Severe thunderstorms developed in Osage and Pawnee Counties in northeast Oklahoma during the evening of June 16th. Thunderstorm winds gusted to 70 miles an hour in Ralston, 5 miles north of Pawnee, and in Hominy, and to 65 miles an hour just northwest of Pawnee and at an automated observing site 3 miles northeast of Pawnee. Dime size hail fell 5 miles north of Pawnee.										
Nowata County South Coffeyville	18	1855CST			0	0			Thunderstorm Wind (G52)	
Craig County Hollow	18	1935CST			0	0	0.10K		Thunderstorm Wind	
Nowata County South Coffeyville	18	2130CST			0	0			Thunderstorm Wind (G52)	
Osage County 5 S Hominy	18	2203CST			0	0			Thunderstorm Wind (G52)	
Osage County Hominy	18	2210CST			0	0			Thunderstorm Wind (G52)	
Tulsa County 4 E Skiatook	18	2250CST			0	0			Thunderstorm Wind (G59)	
Osage County 2 W Skiatook	18	2250CST			0	0	0.10K		Thunderstorm Wind	
Washington County Vera	18	2255CST			0	0			Thunderstorm Wind (G52)	
Tulsa County 3 N Owasso	18	2310CST	0.1	25	0	0			Tornado (F0)	
Tulsa County Tulsa	18	2320CST			0	0	0.10K		Thunderstorm Wind	
Rogers County Catoosa	18	2320CST			0	0	0.10K		Thunderstorm Wind	
Tulsa County Tulsa	18	2325CST			0	0			Thunderstorm Wind (G56)	
Rogers County 5 E Catoosa	18	2325CST			0	0			Thunderstorm Wind (G56)	

Storm Data and Unusual Weather Phenomena

June 1996

		Time	Path	Path	Number of		Estimated			
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	June 1996
OKLAHOMA, Northeast										
Tulsa County										
Glenpool	18	2330CST			0	0			Thunderstorm Wind (G52)	
Tulsa County										
Bixby	18	2336CST			0	0			Thunderstorm Wind (G70)	
Tulsa County										
Bixby	18	2336CST			0	0			Hail (0.75)	
Tulsa County										
1 N Hectorville	18	2341CST			0	0			Thunderstorm Wind (G70)	
Okmulgee County										
1 N Hectorville	18	2341CST			0	0			Thunderstorm Wind (G70)	
Wagoner County										
Nr Stone Bluff	18	2345CST			0	0	0.10K		Thunderstorm Wind	
Muskogee County										
Haskell	19	0007CST			0	0	0.10K		Thunderstorm Wind	
Okfuskee County										
5 N Okemah	19	0008CST			0	0			Thunderstorm Wind (G74)	
Okfuskee County										
Weleetka	19	0015CST			0	0	0.10K		Thunderstorm Wind	
Mcintosh County										
Rentiesville	19	0032CST			0	0	40K		Thunderstorm Wind	
Mcintosh County										
Checotah	19	0035CST			0	0	1K		Thunderstorm Wind	
Mcintosh County										
Onapa	19	0035CST			0	0			Thunderstorm Wind (G52)	
Mcintosh County										
9 NE Eufaula	19	0040CST			0	0	10K		Thunderstorm Wind	
Pittsburg County										
12 N Mc Alester	19	0048CST			0	0			Thunderstorm Wind (G56)	
Haskell County										
Stigler	19	0100CST			0	0			Thunderstorm Wind (G52)	
Muskogee County										
3 S Webbers Falls	19	0100CST			0	0			Thunderstorm Wind (G63)	
Pittsburg County										
Canadian	19	0107CST			0	0			Hail (1.00)	
Pittsburg County										
Mc Alester	19	0110CST			0	0	0.50K		Thunderstorm Wind	
Latimer County										
Countywide	19	0110CST 0140CST			0	0	0.10K		Thunderstorm Wind	
Sequoyah County										
Vian	19	0112CST			0	0			Hail (0.88)	
Sequoyah County										
4 W Vian	19	0112CST			0	0			Hail (0.88)	
Cherokee County										
Cookson	19	0115CST			0	0	0.10K		Thunderstorm Wind	
Haskell County										
Stigler	19	0123CST			0	0	0.10K		Thunderstorm Wind	
Latimer County										
Panola	19	0130CST			0	0	3K		Thunderstorm Wind	
Le Flore County										
Arkoma	19	0155CST			0	0	0.10K		Thunderstorm Wind	
Le Flore County										
2 S Arkoma	19	0155CST			0	0	5K		Thunderstorm Wind	
Sequoyah County										
Muldrow	19	0156CST			0	0			Hail (0.75)	

Severe thunderstorms moved across eastern Oklahoma during the evening of June 18th and early morning of June 19th. The storms spawned 1 tornado, and also produced damaging winds and large hail.

The tornado touched down briefly at 2310CST 3 miles north of Owasso near the intersection of 116th Street North and Memorial. No damage occurred with this F0 tornado.

Damaging straight-line winds also occurred with the storms. Strong thunderstorm winds damaged buildings in Rentiesville, and a fireworks stand was blown over in McAlester. Strong thunderstorm winds downed trees and damaged outbuildings 9 miles northeast of Eufaula, and trees and large tree limbs were blown down in Cookson. 2.5 inch diameter tree limbs were blown down in Checotah, and an awning was blown off a vacant grocery store in Checotah. Numerous trees were blown down in Arkoma and 2 miles south of Arkoma, with one of the trees falling on a house 2 miles south of Arkoma. Large tree limbs were blown down in

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>OKLAHOMA, Northeast</u>									
Panola, and shingles were blown off homes in Panola. Trees, large tree limbs, and power lines were blown down throughout all of Latimer County.									
Large tree limbs were blown down in Hollow, 2 miles west of Skiatook, in Catoosa, at 51st and Harvard in the city of Tulsa, near Stone Bluff, in Haskell, in Weleetka, and in Stigler. Thunderstorm winds gusted to 80 to 90 miles an hour 5 miles north of Okemah, to 80 miles an hour in Bixby and 1 mile north of Hectorville on the Tulsa/Okmulgee County line, and to 72 miles an hour at an automated observing site 3 miles south of Webbers Falls. Thunderstorm winds gusted to 60 to 70 miles an hour at numerous other locations in eastern Oklahoma. Large hail also accompanied the storms. Quarter size hail fell at Canadian, nickel size hail fell at Vian and 4 miles west of Vian, and dime size hail fell at Bixby and at Muldrow.									
<u>OKLAHOMA, Panhandle</u>									
Texas County 4.5 W Goodwell	02	1350CST			0	0			Hail (0.88)
Texas County Goodwell	02	1405CST			0	0			Hail (1.00)
Thunderstorm across the central Oklahoma panhandle produced large hail as reported by the Guymon Oklahoma Highway Patrol.									
Cimarron County 7 W Griggs	03	1323CST			0	0			Hail (1.00)
Cimarron County 3 N Griggs	03	1323CST			0	0			Hail (1.00)
Cimarron County Griggs	03	1323CST			0	0			Hail (0.75)
Cimarron County Felt	03	1417CST			0	0			Hail (1.00)
Cimarron County 3 E Felt to 3.5 E Felt	03	1420CST 1424CST	0.5	50	0	0			Tornado (F0)
Brief tornado touchdown as reported by storm spotters and sheriff's office. The tornado remained over open terrain and track is an estimate.									
Cimarron County Felt	03	1427CST			0	0			Hail (1.75)
Thunderstorms across the western Oklahoma panhandle produced large hail and a brief tornado touchdown as reported by storm spotters along with Griggs Fire Chief and Cimarron County Sheriff Office.									
Beaver County 3.5 W Bryans Corner	04	1550CST			0	0			Hail (1.00)
Thunderstorms over the eastern Oklahoma panhandle produced hail which covered the ground as reported by storm chasers.									
Texas County 7 NW Guymon to 9 NW Guymon	05	1647CST 1656CST	2	25	0	0			Tornado (F0)
The tornado remained over open terrain and the track is only an estimate.									
Beaver County Gate	05	1840CST			0	0			Thunderstorm Wind (G61)
Thunderstorms across the central and eastern Oklahoma panhandle produced a brief tornado along with strong winds as reported by the Guymon Oklahoma Highway Patrol, the Guymon Police Department, radio stations, storm spotters, and a National Weather Service Copperative Observer.									
Beaver County 5 NW Beaver	11	2200CST			0	0			Hail (0.88)
Thunderstorms over eastern Oklahoma panhandle produced hail as reported by sheriff's office.									
Cimarron County 4 N Kenton	24	1415CST			0	0			Hail (0.88)
Texas County 1 W Hooker	24	1650CST			0	0			Thunderstorm Wind (G58)
Beaver County Beaver	24	1851CST			0	0			Hail (0.75)
Texas County 2 E Goodwell	24	2250CST			0	0			Thunderstorm Wind (G54)
Thunderstorms across the Oklahoma panhandle produced hail and high winds as reported by park ranger, emergency coordinator and Oklahoma Mesonet data.									
Cimarron County Boise City	25	2125CST 2300CST			0	0			Flash Flood
U.S. Highway 287 closed on the edge of town due to flooding as reported by sheriff.									
Cimarron County 4 E Boise City	25	2125CST			0	0			Flash Flood
Railroad crossing washed out by heavy rains as reported by sheriff.									
<u>OKLAHOMA, Western, Central and Southeast</u>									
Carter County 4 NE Ardmore	01	1128CST			0	0	100K		Lightning

Storm Data and Unusual Weather Phenomena

[illegible]

OKLAHOMA, Western, Central and Southeast

Lightning struck and set fire to the Chickasaw Lake Clubhouse. The building sustained about \$100,000 damage.

OKZ011-018>019-
021>022-025>027-031-
034-036-039-042

03	1430CST	0	0	Summary Of June 3
	1910CST			

Severe thunderstorms moved through portions of central, northwest, and southwestern Oklahoma during the afternoon and early evening. Numerous reports of hail as large as quarters were received. Damage from severe thunderstorm winds was reported in Seminole in Seminole County, near Agawam in Grady County, near Granite in Greer County, and in Blair and Altus and near Martha in Jackson County. Wind speeds as high as 76 mph were measured at Altus Air Force Base in Jackson County. See following individual Storm Data entries for additional reports and further details.

Oklahoma County					
Del City	03	1435CST	0	0	Hail (0.75)

Oklahoma County					
Oklahoma City	03	1439CST	0	0	Hail (1.00)

Major County					
3 S Dane	03	1440CST	0	0	Hail (0.75)

Kingfisher County	03	1550CST	0	0	Hail (0.88)
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Kingfisher County					
Kingfisher	03	1553CST	0	0	Hail (1.00)

Kingfisher County					
3 S Kingfisher	03	1600CST	0	0	Hail (0.88)

Jackson County	03	1615CST	0	0	Hail (0.75)
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Seminole County	03	1620CST	0	0	5K	Thunderstorm Wind
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Severe thunderstorm winds peeled part of the roof back from an apartment complex in Seminole, causing the ceiling later to collapse when the sheetrock became saturated.

Logan County					
3 S Seward	03	1634CST	0	0	Hail (1.00)

Seminole County					
Seminole	03	1635CST	0	0	Hail (1.00)

Seminole County					
2 W Wewoka	03	1700CST	0	0	Hail (1.00)

Grady County					
Agawam	03	1720CST	0	0	Hail (1.00)

Grady County	03	1726CST	0	0	0.50K	Thunderstorm Wind
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A barn was damaged by severe thunderstorm winds.

Greer County						
1 W Granite	03	1730CST	0	0	50K	Thunderstorm Wind

Severe thunderstorm winds tore the roof off a mobile home, damaged a garage, uprooted trees, and broke windows west of Granite.

Lincoln County					
Chandler	03	1735CST	0	0	Hail (1.00)

Washita County	03	1740CST	0	0	Hail (1.00)
Retrop	03	1740CST	0	0	Hail (0.75)

Beckham County	03	1745CST	0	0	Hail (0.75)
5 N Carter	03	1745CST	0	0	Hail (0.88)

Oklahoma County	03	1800CST	0	0	50K	Lightning
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Lightning struck and set fire to the roof of a greenhouse at 500 North Portland in Oklahoma City. The building, which was part of Oklahoma State University's Oklahoma City campus, lost its entire fiberglass roof, valued at \$50,000.

Jackson County						
Blair	03	1805CST	0	0	8K	Thunderstorm Wind

Severe thunderstorm winds blew a portable building 75 feet across US Highway 283 north of Blair. Several other utility buildings were destroyed, trees were uprooted, and large limbs were downed throughout Blair. One tree limb broke a window in a vehicle, and several streets were blocked by fallen trees and limbs.

Jackson County						
1 N Martha	03	1805CST	0	0	0.50K	Thunderstorm Wind

Severe thunderstorm winds 1 mile north of Martha tore pieces of metal from the roof of a barn.

Jackson County						
Altus Afb	03	1812CST	0	0	0.20K	Thunderstorm Wind (G66)

Severe thunderstorm winds blew out a few windows at Altus Air Force Base.

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>OKLAHOMA, Western, Central and Southeast</u>									
Stephens County Marlow	03	1815CST			0	0			Hail (1.00)
Pontotoc County Sherill	03	1910CST			0	0			Hail (0.75)
OKZ004-007-010-012-015-021	Harper - Grant - Woodward - Garfield - Dewey - Beckham								
	04	1610CST 2045CST			0	0			Summary Of June 4
Severe thunderstorms moved across parts of western Oklahoma into north central Oklahoma during the evening of June 4th. Hail as large as golf balls was reported in Garfield, Grant, and Woodward Counties. Major crop damage was reported near Garber in Garfield County as a result of large hail lasting for about 15 minutes. Severe thunderstorm winds brought damage to Sayre in Beckham County and 9 miles north of Selman in Harper County. See following individual Storm Data entries for additional reports and further details.									
Harper County 9 N Selman	04	1615CST			0	0			Thunderstorm Wind
Severe thunderstorm winds blew down tree limbs up to 8 inches in diameter.									
Woodward County Mutual	04	1630CST			0	0			Hail (1.00)
Woodward County 4 W Mooreland	04	1730CST			0	0			Hail (0.75)
Woodward County 7 SE Woodward	04	1745CST			0	0			Hail (1.75)
Dewey County 3 W Lenora	04	1840CST			0	0			Hail (0.88)
Beckham County Sayre	04	1900CST			0	0	30K		Thunderstorm Wind
Severe thunderstorm winds destroyed a garage and an above-ground swimming pool in the northern part of Sayre. Damage was estimated at \$30,000.									
Grant County 5 SE Renfrow	04	1920CST			0	0			Hail (1.75)
Grant County 1 W Deer Creek	04	1940CST			0	0			Hail (1.75)
Garfield County Hunter	04	2005CST			0	0			Hail (1.75)
Garfield County Garber	04	2030CST			0	0			Hail (1.00)
Garfield County 1 N Garber to 7 NE Garber	04	2030CST 2045CST			0	0			Hail (1.75)
Hail as large as golf balls damaged wheat fields along a path 5 miles wide and 7 miles long northeast of Garber. Most of the fields along this path suffered near 100% wheat loss.									
OKZ004>005-008>010-015>016-018>020-022-024>025-027-029	Harper - Woods - Kay - Ellis - Woodward - Dewey - Custer - Kingfisher - Logan - Payne - Washita - Canadian - Oklahoma - Grady - Cleveland								
	05 06	1845CST 0445CST			0	0			Summary June 5-6
Severe thunderstorms began in northwestern Oklahoma during the evening of June 5th and lasted into the early morning hours of June 6th as they moved into other portions of western and central Oklahoma. Several reports of nickel-sized hail were received, but the more significant damage occurred as a result of severe thunderstorm winds.									
Wind damage was reported in Woodward in Woodward County, northeast of Avard in Woods County, in Kingfisher in Kingfisher County, in Stillwater in Payne County, in Ponca City in Kay County, in Norman in Cleveland County, and in Oklahoma City in Oklahoma County. The strongest measured wind speed was clocked at 64 mph in Woodward in Woodward County.									
See following individual Storm Data entries for additional reports and further details.									
Ellis County Fargo	05	1850CST			0	0			Hail (0.75)
Harper County 2 N Laverne	05	1909CST			0	0			Hail (0.88)
Harper County 8 E Laverne	05	1935CST			0	0			Hail (0.75)
Ellis County Fargo	05	1950CST			0	0			Hail (0.75)
Woodward County Woodward	05	2002CST			0	0			Thunderstorm Wind (G56)
Woodward County Woodward	05	2005CST			0	0	0.01K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Property	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Severe thunderstorm winds blew down several 6-inch diameter trees.									
Woods County 3 NE Avard	05	2030CST			0	0	30K		Thunderstorm Wind
A farm 3 miles northeast of Avard sustained extensive damage from severe thunderstorm winds. A hay barn was flattened and strewn across the property, and the roof of a large equipment storage building was scattered for about a mile eastward. A combine header was also smashed by a small airborne storage building. At least 9 utility poles in the area were snapped off at ground level. One horse was injured by debris during the storm.									
Woods County 2 S Alva (Mesonet)	05	2045CST			0	0			Thunderstorm Wind (G53)
Woods County 2 NE Avard	05	2048CST			0	0	5K		Thunderstorm Wind
Severe thunderstorm winds blew down a barn.									
Custer County Clinton	05	2235CST			0	0			Hail (0.75)
Kay County 8 E Newkirk (Mesonet)	05	2235CST			0	0			Thunderstorm Wind (G53)
Kingfisher County Kingfisher	05	2235CST			0	0			Thunderstorm Wind
Power lines were blown down by severe thunderstorm winds.									
Washita County Burns Flat	05	2240CST			0	0			Hail (0.75)
Kay County Ponca City	05	2240CST			0	0	15K		Thunderstorm Wind
Severe thunderstorm winds tore the roof off a storage building at a car dealership, tossing some of the timbers through the roof of the main building. Also, a motel sign was blown over onto a car.									
Kay County 8 E Newkirk (Mesonet)	05	2245CST			0	0			Thunderstorm Wind (G50)
Logan County Crescent	05	2250CST			0	0			Thunderstorm Wind (G52)
Kingfisher County Kingfisher	05	2256CST			0	0			Hail (0.88)
Payne County Stillwater	05	2300CST			0	0			Thunderstorm Wind
Severe thunderstorm winds snapped several trees, including one in front of City Hall.									
Canadian County Piedmont	05	2325CST			0	0			Hail (0.75)
Canadian County Piedmont	05	2325CST			0	0			Thunderstorm Wind (G52)
Cleveland County Norman	05	2345CST			0	0	0.20K		Thunderstorm Wind
Severe thunderstorm winds flipped a storage shed onto its top.									
Oklahoma County Oklahoma City	06	0015CST			0	0			Thunderstorm Wind
Severe thunderstorm winds blew down an 8-inch diameter tree branch.									
Grady County 8 E Tuttle	06	0047CST			0	0			Hail (0.75)
Dewey County 2 NW Putnam	06	0445CST			0	0			Hail (0.75)
OKZ018-023>024-027>030-032-040>042-044>047	Kingfisher - Caddo - Canadian - Grady - McClain - Cleveland - Pottawatomie - Hughes - Garvin - Murray - Pontotoc - Cotton - Jefferson - Carter - Johnston								
	06	1405CST 2145CST			0	0			Summary June 6
Severe thunderstorms moved through central and south-central Oklahoma during the afternoon and evening of June 6th. An F0 tornado was observed by a spotter southeast of Wayne in McClain County. The largest hail fell in Dickson in Carter County, where hail as large as golf balls was reported. The strongest winds were estimated at 80 mph in Wynnewood in Garvin County, where at least one tree was downed.									
Structural and tree damage due to severe thunderstorm winds was reported in Purcell and from Purcell to Dibble in McClain County and in Pauls Valley in Garvin County. Other more minor wind damage was reported in Kingfisher in Kingfisher County, near Concho in Canadian County, in Shawnee in Pottawatomie County, and west of Lamar in Hughes County.									
See following individual Storm Data entries for additional reports and further details.									
Canadian County 2 S Okarche	06	1410CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	June 1996
OKLAHOMA, Western, Central and Southeast										
Canadian County 2 S Okarche	06	1416CST			0	0			Hail (1.00)	
Kingfisher County Kingfisher	06	1430CST			0	0			Thunderstorm Wind	
Severe thunderstorm winds downed 2 power poles near Kingfisher and littered tree limbs throughout the streets of Kingfisher.										
Canadian County Concho	06	1545CST			0	0	0.01K		Thunderstorm Wind	
Severe thunderstorm winds downed trees near Concho.										
Caddo County 2 NE Anadarko	06	1600CST			0	0			Hail (1.00)	
Grady County Verden	06	1622CST			0	0			Hail (1.00)	
Mcclain County Blanchard	06	1635CST			0	0			Hail (1.25)	
Mcclain County Blanchard	06	1635CST			0	0			Hail (1.25)	
Cleveland County Norman	06	1637CST			0	0			Hail (1.00)	
Mcclain County 6 SSW Washington(Mesonet)	06	1650CST			0	0			Thunderstorm Wind (G50)	
Grady County 6 S Chickasha	06	1653CST			0	0			Hail (1.00)	
Mcclain County Purcell	06	1715CST			0	0	7.5K		Thunderstorm Wind	
Severe thunderstorm winds blew a storage shed over onto a car and moved a large horse trailer 100 yards from its original position. Wind-driven hail stripped the new paint off the north side of a two-story home. Numerous trees, fences, and power lines were damaged in the Purcell area.										
Cleveland County 1 E Lexington	06	1716CST			0	0			Thunderstorm Wind (G61)	
Mcclain County Purcell to Dibble	06	1718CST			0	0			Thunderstorm Wind	
Dozens of trees and two 18 inch power poles were downed along Highway 39 from Purcell to Dibble.										
Garvin County Paoli	06	1720CST			0	0			Hail (1.00)	
Mcclain County Wayne	06	1723CST			0	0			Hail (0.88)	
Garvin County Wynnewood	06	1730CST			0	0			Thunderstorm Wind (G70)	
A large walnut tree was uprooted in Wynnewood by severe thunderstorm winds.										
Garvin County Pauls Valley	06	1730CST			0	0	1K		Thunderstorm Wind	
Severe thunderstorm winds downed large trees in Pauls Valley and damaged awnings on several businesses.										
Pottawatomie County Shawnee	06	1730CST			0	0			Thunderstorm Wind	
Severe thunderstorm winds downed a large tree near the Shawnee Municipal Building.										
Mcclain County 1 SE Wayne	06	1735CST	0.1	20	0	0			Tornado (F0)	
A brief tornado touched down with no reported damage.										
Mcclain County 1 SE Wayne	06	1740CST	0.1	10	0	0			Tornado (F0)	
An F0 tornado was observed by spotter. No damage was reported.										
Garvin County Paoli	06	1755CST			0	0			Hail (1.00)	
Pontotoc County 6 W Ada	06	1810CST			0	0			Thunderstorm Wind (G52)	
Hughes County 7 W Lamar	06	1815CST			0	0	0.01K		Thunderstorm Wind	
Trees and numerous large limbs were downed by severe thunderstorm winds.										
Murray County 3 S Davis	06	1820CST			0	0			Hail (0.88)	
Carter County Dickson	06	1900CST			0	0			Hail (1.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast										
Jefferson County										
1 N Ringling (Mesonet)	06	1900CST			0	0				Thunderstorm Wind (G51)
Johnston County										
Mannsville	06	1915CST			0	0				Hail (0.75)
Cotton County										
2 W Randlett	06	2145CST			0	0				Hail (0.75)
Jackson County										
Altus	10	0245CST			0	0	10.5K			Lightning
Lightning struck and set fire to a wood frame house in Altus. Damage to the \$25,000 house was estimated at \$10,500.										
OKZ004-006>007-009>010	Harper - Alfalfa - Grant - Ellis - Woodward									
	11	1555CST 2225CST			0	0				Summary Of June 11
Severe thunderstorms moved across northwest and north central Oklahoma during the late afternoon and evening of the 11th. Hail as large as baseballs was reported in Harper County 5 miles south of Buffalo. Severe winds up to 60 mph were also reported in Harper County 10 miles southeast of Buffalo and in Ellis County 6 miles south of May. See following individual Storm Data entries for additional reports and further details.										
Grant County										
9 W Wakita	11	1600CST			0	0				Hail (0.75)
Alfalfa County										
4 W Byron	11	1600CST			0	0				Hail (1.00)
Alfalfa County										
Burlington	11	1600CST			0	0				Hail (0.88)
Alfalfa County										
3 N Lambert	11	1705CST			0	0				Hail (0.75)
Harper County										
7 NE Buffalo	11	1805CST			0	0				Hail (1.25)
Harper County										
5 E Buffalo	11	1843CST			0	0				Hail (1.00)
Harper County										
2.5 E Buffalo	11	1855CST			0	0				Hail (1.75)
Harper County										
6 SE Buffalo	11	1930CST			0	0				Hail (1.00)
Harper County										
12 SSE Buffalo	11	2000CST			0	0				Hail (1.75)
Harper County										
5 S Buffalo	11	2002CST			0	0				Hail (2.75)
Harper County										
5 NW Ft Supply	11	2010CST			0	0				Hail (1.75)
Harper County										
8 WSW Buffalo	11	2030CST			0	0				Hail (1.75)
Woodward County										
Ft Supply	11	2050CST			0	0				Hail (0.88)
Woodward County										
Tangier	11	2114CST			0	0				Hail (1.00)
Harper County										
Buffalo	11	2115CST			0	0				Hail (0.88)
Harper County										
Buffalo	11	2125CST			0	0				Hail (1.75)
Harper County										
Buffalo	11	2127CST			0	0				Hail (1.75)
Harper County										
10 SSE Buffalo	11	2133CST			0	0				Thunderstorm Wind (G52)
Ellis County										
6 S May	11	2210CST			0	0				Thunderstorm Wind (G52)
Woodward County										
5 N Woodward	11	2224CST			0	0				Hail (0.75)
OKZ051>053	Marshall - Bryan - Choctaw									
	12	1455CST 1810CST			0	0				Summary Of June 12
Severe thunderstorms in southeast Oklahoma produced hail as large as golf balls in Achille in Bryan County and wind gusts to 60 mph west-northwest of Durant, also in Bryan County. Wind damage was reported west of Hugo in Choctaw County. See following individual Storm Data entries for additional reports and further details.										
Marshall County										
5 E Kingston	12	1500CST			0	0				Hail (1.00)

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location		Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<div> <div>OKLAHOMA, Western, Central and Southeast</div> <div> <div> <div>Bryan County</div> <div>9 WNW Durant</div> <div>12</div> <div>1509CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Thunderstorm Wind (G52)</div> </div> <div> <div>Bryan County</div> <div>9 WNW Durant</div> <div>12</div> <div>1519CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.00)</div> </div> <div> <div>Marshall County</div> <div>Madill</div> <div>12</div> <div>1605CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.00)</div> </div> <div> <div>Bryan County</div> <div>Achille</div> <div>12</div> <div>1640CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.75)</div> </div> <div> <div>Bryan County</div> <div>Roberta</div> <div>12</div> <div>1655CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>Choctaw County</div> <div>8 W Hugo</div> <div>12</div> <div>1810CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Thunderstorm Wind</div> </div> <div> <div>Severe thunderstorm winds blew down trees and power lines.</div> </div> <div> <div>OKZ010-015-017-023>024-037</div> <div>Woodward - Dewey - Blaine - Caddo - Canadian - Tillman</div> <div>13</div> <div>1420CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Summary Of June 13</div> </div> <div> <div>Afternoon severe thunderstorms moved through western Oklahoma and produced hail as large as golf balls in Bridgeport in Caddo County. See following individual Storm Data entries for additional reports and further details.</div> </div> <div> <div>Woodward County</div> <div>4 SSE Mutual to 4 SE Mutual</div> <div>13</div> <div>1425CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.00)</div> </div> <div> <div>Tillman County</div> <div>2 S Manitou</div> <div>13</div> <div>1447CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.88)</div> </div> <div> <div>Dewey County</div> <div>7 N Oakwood</div> <div>13</div> <div>1535CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>Blaine County</div> <div>Greenfield</div> <div>13</div> <div>1605CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>Blaine County</div> <div>2 S Greenfield</div> <div>13</div> <div>1620CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>Canadian County</div> <div>9 NW Karns</div> <div>13</div> <div>1630CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>Caddo County</div> <div>Bridgeport</div> <div>13</div> <div>1633CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.88)</div> </div> <div> <div>Caddo County</div> <div>3 N Hinton</div> <div>13</div> <div>1639CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.00)</div> </div> <div> <div>Caddo County</div> <div>Bridgeport</div> <div>13</div> <div>1642CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.75)</div> </div> <div> <div>Caddo County</div> <div>Bridgeport</div> <div>13</div> <div>1730CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (1.75)</div> </div> <div> <div>Roger Mills County</div> <div>1 E Angora</div> <div>14</div> <div>1840CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Thunderstorm Wind (G52)</div> </div> <div> <div>Roger Mills County</div> <div>7 NNE Cheyenne</div> <div>14</div> <div>2330CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>OKZ017-023>024-034-038</div> <div>Blaine - Caddo - Canadian - Greer - Comanche</div> <div>15</div> <div>1315CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Summary Of June 15</div> </div> <div> <div>Severe thunderstorms moved through parts of southwestern and central Oklahoma during the afternoon of the 15th. Severe wind gusts were estimated to be as high as 70 mph. Wind damage was reported in Cache in Comanche County and in Mangum in Greer County. See following individual Storm Data entries for additional reports and further details.</div> </div> <div> <div>Blaine County</div> <div>4 S Okeene</div> <div>15</div> <div>1318CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Hail (0.75)</div> </div> <div> <div>Caddo County</div> <div>7 W Hinton (Mesonet)</div> <div>15</div> <div>1435CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Thunderstorm Wind (G51)</div> </div> <div> <div>Canadian County</div> <div>1 NE Calumet</div> <div>15</div> <div>1520CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div></div> <div></div> <div>Thunderstorm Wind (G61)</div> </div> <div> <div>Comanche County</div> <div>Cache</div> <div>15</div> <div>1730CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div>5K</div> <div></div> <div>Thunderstorm Wind</div> </div> <div> <div>Severe thunderstorm winds blew a trailer over.</div> </div> <div> <div>Greer County</div> <div>Mangum</div> <div>15</div> <div>1830CST</div> <div></div> <div></div> <div>0</div> <div>0</div> <div>50K</div> <div></div> <div>Thunderstorm Wind</div> </div> <div> <div>Severe thunderstorm winds snapped several utility poles in half and tore roofs off 2 barns in and near the east side of Mangum. The main satellite dish at the TV towers was also lost. Trees and limbs were downed and scattered over the town's streets.</div> </div> </div> </div>										

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Crops	Character of Storm
Killed	Injured										

OKLAHOMA, Western, Central and Southeast

OKZ006>008-011-013-033-037>038 Alfalfa - Grant - Kay - Major - Noble - Harmon - Tillman - Comanche

16 1510CST 2000CST **0 0** **Summary Of June 16**

Two separate areas of severe thunderstorms moved across north central Oklahoma and southwest Oklahoma during the afternoon and evening of the 16th. The largest hail fell in Alfalfa County south and southeast of Byron, where quarter-sized hail was reported. Wind gusts to 60 mph were measured at the Oklahoma Mesonet site 3 miles west-northwest of Grandfield in Tillman County. Lightning damage was also reported in Lawton in Comanche County. See following individual Storm Data entries for additional reports and further details.

Alfalfa County 3 S Byron	16	1515CST			0	0					Hail (1.00)
Alfalfa County 5 SE Byron	16	1539CST			0	0					Hail (1.00)
Tillman County 3 WNW Grandfield (Mesonet)	16	1555CST			0	0					Thunderstorm Wind (G52)
Alfalfa County 8 E Byron	16	1606CST			0	0					Hail (0.75)
Alfalfa County 2 SW Driftwood	16	1620CST			0	0					Hail (0.75)
Grant County 8 W Wakita	16	1800CST			0	0					Hail (0.75)
Kay County 1 W Ponca City	16	1814CST			0	0					Hail (0.88)
Noble County Marland	16	1852CST			0	0					Hail (0.75)
Harmon County 3 NW Vinson	16	1930CST			0	0					Hail (0.75)
Major County 8 E Orienta	16	1930CST			0	0					Hail (0.75)
Comanche County Lawton	16	2000CST			0	0	0.50K				Lightning

Lightning struck the side of an apartment building, broke a 2-foot hole in the wall, crossed the room, and set a bed on fire. Damage was estimated at \$500.

OKZ004>007-011>012-018>019-024>026-028-033-036>037 Harper - Woods - Alfalfa - Grant - Major - Garfield - Kingfisher - Logan - Canadian - Oklahoma - Lincoln - McClain - Harmon - Jackson - Tillman

18 1725CST 19 0330CST **0 0** **Summary June 18-19**

Severe thunderstorms moved through northern, central, and southwestern Oklahoma during the evening of the 18th and lasted through the early morning of the 19th. Most of the thunderstorms produced strong straight-line winds, although there was some large hail and lightning damage reported as well.

The strongest wind speed was estimated at over 100 mph in Olustee in Jackson County. Major wind damage was reported in Wayne in McClain County, in Hollis in Harmon County, in Altus and Olustee in Jackson County, and in Oklahoma City in Oklahoma County. Other damage occurred in north of Selman in Harper County, west of Medford in Grant County, in Okarche in Kingfisher and Canadian Counties, and south of Crescent in Logan County.

The largest hail was reported 13 miles north of Selman in Harper County, where golf ball sized hail fell. Lightning damage was reported in Edmond and Oklahoma City in Oklahoma County.

See following individual Storm Data entries for additional reports and further details.

McClain County Wayne	18	1730CST			0	0					Thunderstorm Wind
											Trees and several barns sustained major damage from severe thunderstorm winds. One roof was completely removed from a large barn at the JB Farms.
Harmon County Hollis	18	1830CST			0	0	11.5K				Thunderstorm Wind
											Severe thunderstorm winds uprooted trees, snapped and scattered tree limbs, and damaged sheds and small buildings. Some minor roof damage was also reported in Hollis.
Harmon County 3 W Gould (Mesonet)	18	1835CST			0	0					Thunderstorm Wind (G70)
Alfalfa County 9 NE Byron	18	1845CST			0	0					Hail (0.75)
Jackson County Duke	18	1855CST			0	0					Thunderstorm Wind (G65)

Storm Data and Unusual Weather Phenomena

[illegible]

OKLAHOMA, Western, Central and Southeast

Jackson County Olustee	18	1900CST 1915CST	0	0	17K	Thunderstorm Wind (G87)
		Top wind speeds were estimated at over 100 mph in Olustee. Numerous tree limbs as large as 1.5 feet in diameter and power lines were downed. A mobile home was also overturned and a carport was destroyed. Oklahoma Highway 6 was briefly blocked by a fallen tree.				
Grant County Wakita	18	1909CST	0	0		Hail (0.75)
Jackson County Altus	18	1910CST	0	0		Thunderstorm Wind (G51)
Harper County 13 N Selman	18	1915CST	0	0		Hail (1.75)
Jackson County Altus	18	1917CST	0	0		Thunderstorm Wind (G67)
Jackson County Altus	18	1918CST	0	0		Thunderstorm Wind (G70)
Jackson County Altus	18	1920CST	0	0		Thunderstorm Wind
		Severe thunderstorm winds downed 6 power poles and several trees and large tree limbs in and around Altus.				
Woods County 10 N Cora	18	1930CST	0	0		Thunderstorm Wind (G61)
Harper County 13 N Selman	18	1930CST	0	0	0.10K	Thunderstorm Wind
		Severe thunderstorm winds broke off 2.5 inch tree limbs and drove golf ball sized hail through windows.				
Harper County 13 N Selman	18	1930CST	0	0		Hail (1.75)
Tillman County Davidson	18	1940CST	0	0		Thunderstorm Wind (G78)
Major County 15 NE Bado	18	1950CST	0	0		Thunderstorm Wind (G52)
Garfield County Waukomis	18	2000CST	0	0		Thunderstorm Wind (G56)
Harper County 4 E Buffalo	18	2015CST	0	0		Hail (1.00)
Jackson County Elmer	18	2020CST	0	0		Thunderstorm Wind (G61)
Grant County 2 W Medford	18	2030CST	0	0		Thunderstorm Wind
		Severe thunderstorm winds blew down 1.5 to 2 inch tree limbs.				
Kingfisher County Okarche	18	2102CST	0	0		Thunderstorm Wind (G59)
		Three-inch diameter tree limbs were blown down.				
Canadian County Okarche	18	2120CST	0	0		Thunderstorm Wind (G52)
		Severe thunderstorm winds estimated at 60 mph blew down 1.5 inch tree limbs.				
Oklahoma County Oklahoma City	18	2130CST	0	0	30K	Thunderstorm Wind
		At SE 59th and I-35 in southern Oklahoma City, severe thunderstorm winds peeled the roof back from one end of a warehouse and lifted and dropped a large rooftop air conditioning unit, breaking a large hole in the roof.				
Oklahoma County Oklahoma City	18	2150CST	0	0		Thunderstorm Wind (G52)
		at the intersection of Memorial Road and Penn				
Logan County 15 S Crescent	18	2155CST	0	0	0.01K	Thunderstorm Wind
		Two large trees were blown down across a road.				
Oklahoma County Oklahoma City	18	2230CST	0	0	170K	Lightning
		Lightning struck and set fire to a northwest Oklahoma City house. Damage to the \$292,000 house and its contents was estimated at \$170,000.				
Lincoln County 3 NNE Sparks (Mesonet)	18	2245CST	0	0		Thunderstorm Wind (G53)
Oklahoma County Edmond	19	0330CST	0	0	50K	Lightning
		Lightning struck and set fire to a home in southeast Edmond. The fire was confined mainly to the roof and damages were				

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
OKLAHOMA, Western, Central and Southeast										
estimated at \$50,000.										
OKZ009-015>016	Ellis - Dewey - Custer									
	23	1555CST			0	0	Summary Of June 23			
		2110CST								
Severe thunderstorms in northwestern Oklahoma produced large hail, strong winds, and flash flooding during the evening of June 23rd. Flash flooding and quarter-sized hail occurred 2 miles southwest of Goodwin in Ellis County. The strongest winds were measured at the Oklahoma Mesonet site 5 miles southwest of Butler in Custer County, where gusts of 62 mph were recorded. See following individual Storm Data entries for additional reports and further details.										
Ellis County										
12 N Shattuck	23	1600CST			0	0	Hail (0.75)			
Ellis County										
2 SW Goodwin	23	1655CST			0	0	Hail (0.75)			
Ellis County										
2 SW Goodwin	23	1715CST			0	0	Hail (1.00)			
Ellis County										
2 SW Goodwin	23	1755CST			0	0	Flash Flood			
Two feet of water covered a local county road after 4.25 inches of rain fell on the area.										
Dewey County										
4 WNW Camargo (Mesonet)	23	2000CST			0	0	Thunderstorm Wind (G52)			
Custer County										
5 SW Butler (Mesonet)	23	2105CST			0	0	Thunderstorm Wind (G54)			
Custer County										
5 SW Butler (Mesonet)	23	2110CST			0	0	Thunderstorm Wind (G53)			
OKZ004>005-007-012-014	Harper - Woods - Grant - Garfield - Roger Mills									
	24	1425CST			0	0	Summary Of June 24			
		2128CST								
Severe thunderstorms in northern and western Oklahoma produced nickel-sized hail (5 miles south-southeast of Avard in Woods County) and strong wind gusts (measured up to 61 mph at the Oklahoma Mesonet site located 1/2 mile southwest of Buffalo in Harper County). Wind damage was reported in Enid in Garfield County, in Medford in Grant County, and south-southeast of Avard in Woods County. See following individual Storm Data entries for additional reports and further details.										
Woods County										
2 S Alva (Mesonet)	24	1430CST			0	0	Thunderstorm Wind (G50)			
Grant County										
Medford	24	1510CST			0	0	Thunderstorm Wind			
Power lines were blown down just south of Medford.										
Woods County										
5 SSE Arvard	24	1530CST			0	0	0.01K	Thunderstorm Wind		
Tree limbs up to six inches in diameter were blown down.										
Woods County										
5 SSE Arvard	24	1530CST			0	0	Hail (0.88)			
Garfield County										
(Wdg)Woodring Muni A	24	1549CST			0	0	Thunderstorm Wind (G50)			
Garfield County										
Enid	24	1600CST			0	0	Thunderstorm Wind (G52)			
Three-inch diameter tree limbs were blown down.										
Garfield County										
2 N Enid	24	1600CST			0	0	Thunderstorm Wind (G52)			
Harper County										
Buffalo	24	2025CST			0	0	Thunderstorm Wind (G50)			
Harper County										
.5 SW Buffalo (Mesonet)	24	2030CST			0	0	Thunderstorm Wind (G50)			
Harper County										
.5 SW Buffalo (Mesonet)	24	2035CST			0	0	Thunderstorm Wind (G53)			
Roger Mills County										
Reydon	24	2128CST			0	0	Thunderstorm Wind (G52)			
OKZ010>011	Woodward - Major									
	30	1305CST			0	0	Summary Of June 30			
		1320CST								
Afternoon severe thunderstorms in northern Oklahoma produced hail as large as golf balls 5 miles south-southwest of Belva in Woodward County. See following individual Storm Data entries for additional reports and further details.										
Major County										
14 N Chester	30	1310CST			0	0	Hail (0.88)			
Woodward County										
5 SSW Belva	30	1315CST			0	0	Hail (1.75)			

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		

OREGON, Central and East

NONE REPORTED.

OREGON, Northwest

ORZ005

Southwest Interior

10 1330PST

0

0

Dust Devil

A strong dust devil formed in a dirt horse corral near the town of Tenmile. The dust devil destroyed a small utility shed and a pole construction horse barn adjacent to the corral. No significant clouds or precipitation were present in the region at the time.

ORZ009

South Central

25 1600PST
1800PST

0

0

Urban Flooding

Strong thunderstorms developed over South Central Oregon with heavy rainfall. In Klamath Falls the downtown area experienced minor street flooding which did result in some slight damage to businesses along the street.

OREGON, Southeast

NONE REPORTED.

OREGON, Southwest

Klamath County
Klamath Falls

25 1600PST
1800PST

0

0

Urban/Sml Stream Fld

Strong thunderstorms developed over South Central Oregon with heavy rainfall. In Klamath Falls the downtown area experienced minor street flooding which did result in some slight damage to businesses.

PACIFIC

NONE REPORTED.

PENNSYLVANIA, Central

Franklin County
Greencastle

04 1308EST

0

0

Hail (0.80)

Hail ranging in size from .5" to .8" fell in Greencastle.

Franklin County
Shady Grove

04 1330EST

0

0

Hail (0.75)

.75" hail fell in Shady Grove.

Juniata County
Mifflintown

04 1348EST

0

0

Hail (0.75)

Dime-size hail fell in Mifflintown.

Perry County
Millerstown

04 1400EST

0

0

Hail (0.75)

Dime-size hail fell near Richfield and covered the ground.

Snyder County
Richfield

04 1415EST

0

0

Hail (0.75)

Dime-size hail fell near Richfield and covered the ground.

Adams County
Biglerville

04 1500EST

0

0

Hail (0.75)

.75" hail fell southwest of Biglerville.

Northumberland County
Augustaville

04 1500EST

0

0

Hail (1.25)

Half-dollar size hail fell in Augustaville.

York County
York Haven

04 1535EST

0

0

Hail (0.75)

Dime-size hail fell in York Haven.

Fulton County
Big Cove Tannery

04 1600EST

0

0

Hail (0.75)

Dime-size hail fell south of McConnellsburg causing some isolated crop damage.

Lancaster County
Manheim

04 1615EST

0

0

Thunderstorm Wind

Small trees were downed by strong winds along Rte. 772 in Manheim.

Schuylkill County
Schuylkill Haven

04 1625EST

0

0

Hail (0.75)

Dime-size hail fell in Schuylkill Haven.

Lancaster County
5 SW Lancaster

04 1709EST

0

0

Hail (1.75)

Hail from pea up to golf ball size fell in Conestoga Township about 5 miles southwest of Lancaster.

Mifflin County
Belleville

04 1730EST

0

0

Hail (0.85)

Dime and nickel-size hail covered the ground in the Belleville area.

Snyder County
Middleburg

04 1835EST

0

0

Hail (0.75)

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Damage Property	Crops	Character of Storm	
PENNSYLVANIA, Central										
			Dime-size hail fell north of Rte. 522 near Middleburg.							
Tioga County Mansfield	07	1608EST			0	0			Thunderstorm Wind	
			Trees downed and roof taken off of barn in Mansfield.							
Northumberland County Watsontown	07	1729EST			0	0			Thunderstorm Wind	
			Trees downed in Watsontown.							
Columbia County Millville	07	1730EST			0	0			Thunderstorm Wind	
			Trees downed in Millville.							
Columbia County Bloomsburg	07	1845EST			0	0			Thunderstorm Wind	
			Trees down and mobile home knocked over in Bloomsburg.							
Columbia County Berwick	07	1930EST			0	0			Flash Flood	
			A trailer park along Briar Creek near Berwick was flooded.							
Lycoming County Williamsport	08	1330EST			0	0			Thunderstorm Wind	
			Trees were downed in Williamsport.							
Bedford County Bedford	08	1520EST			0	0	10K	0	Thunderstorm Wind	
			Trees and power lines were knocked down on Rte. 30, west of Bedford.							
Fulton County Hustontown	08	1600EST			0	0			Thunderstorm Wind	
			Trees were downed on Rte. 665, 2 miles north of Hustontown.							
Blair County Roaring Spg	08	1605EST			0	0			Thunderstorm Wind	
			Trees and power lines downed in Roaring Spring.							
Mifflin County Reedsville	08	1745EST			0	0			Thunderstorm Wind	
			Trees downed in Reedsville.							
Centre County Potters Mills	08	1815EST			0	0			Thunderstorm Wind	
			Power lines downed in Potters Mills.							
Cambria County 2 W Revloc	10	2100EST			0	0			Thunderstorm Wind	
			Trees were downed by strong winds along Rte. 422, 2 miles west of Revloc.							
Adams County 1 W Heidlersburg	11	1300EST			0	0			Hail	
			Quarter-size hail fell along Rte. 234, 1 mile west of Heidlersburg.							
York County Dillsburg	11	1330EST			0	0			Hail	
			Golf-ball size hail fell in Dillsburg.							
Lebanon County 2 W Indiantown Gap	11	1345EST			0	0			Hail	
			Dime-size hail fell west of Indiantown Gap.							
Bedford County Riddlesburg	11	1350EST			0	0			Thunderstorm Wind	
			Trees down near Riddlesburg in northern Bedford County.							
Clinton County Mill Hall	11	1358EST			0	0			Thunderstorm Wind	
			Trees downed by strong winds in Mill Hall.							
Lebanon County Indiantown Gap	11	1400EST			0	0			Lightning	
			Four U.S. Army reservists from the 319th Engineer Co. in Butler, who were taining inside a tent in a heavily wooded area at Fort Indiantown Gap, near Moon Shine Church were struck by lightning. A woman and three men were not injured seriously, but were treated at Hershey Medical Center and released.							
Clinton County Mill Hall	11	1415EST			0	0			Hail	
			Quarter to golf ball size hail fell in Mill Hall.							
Dauphin County Middletown	11	1427EST			0	0			Thunderstorm Wind	
			Harrisburg International Airport reported a gust to 60 knots.							
Cumberland County Mechanicsburg	11	1430EST			0	0			Thunderstorm Wind	
			Trees were downed by strong winds in Mechanicsburg.							

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
PENNSYLVANIA, Central							
Lycoming County Haneyville	11	1430EST			0 0		Thunderstorm Wind
			Large limbs were knocked down by strong winds in Haneyville.				
Potter County Harrison Valley	11	1430EST			0 0		Hail
			Dime-size hail fell in Harrison Valley.				
York County Labott	11	1430EST			0 0		Thunderstorm Wind
			Trees were downed by strong winds in Labott.				
Schuylkill County Pine Grove	11	1500EST			0 0		Thunderstorm Wind
			Trees were downed onto wires in the Pine Grove area.				
Elk County 6 SW Hallton	11	1545EST			0 0		Hail
			Dime-size hail fell in the Belltown area.				
Bedford County Hyndman	11	1630EST			0 0		Hail
			Quarter-size hail fell in Hyndman.				
Schuylkill County Auburn	11	1630EST			0 0		Thunderstorm Wind
			Trees were downed onto power lines by strong winds in Auburn.				
Schuylkill County Tremont	11	1630EST			0 0		Flash Flood
			2-3 inches of rain fell near Tremont causing small stream and poor drainage flooding.				
Bedford County 5 W Clearville	11	1715EST			0 0		Thunderstorm Wind
			Trees were down on highway between Centerville and Clearville.				
Fulton County 7 SW McConnellsburg	11	1750EST			0 0		Thunderstorm Wind
			Trees were downed by strong winds near McConnellsburg.				
Adams County 1 W Heidlersburg	11	2200EST			0 0		Hail
			.75" hail fell along Rte. 234, 1 mile west of Heidlersburg.				
Franklin County St Thomas	11	2200EST			0 0		Flash Flood
			4.7 inches of rain fell in St Thomas. 40 to 50 people were evacuated from Twin Bridges Campground in Hamilton Township. Damages were estimated to be about \$500,000.				
Lancaster County Lancaster	12	1540EST			0 0		Thunderstorm Wind
			Trees and power lines were downed near the city of Lancaster by strong winds.				
Lancaster County Lancaster	12	1540EST			0 0		Hail
			Golf ball size hail fell in Lancaster.				
Cumberland County Carlisle	12	1600EST			0 0		Thunderstorm Wind
			Tree limbs downed power lines in Carlisle.				
Lancaster County Strasburg	12	1600EST			0 0		Flash Flood
			2.8 inches of rain fell in less than an hour near Strasburg causing small stream and poor drainage flooding.				
Snyder County Port Trevorton	12	1625EST			0 0		Thunderstorm Wind
			Winds took down trees in the Port Trevorton area and across the river in Herndon.				
Mifflin County 2 S Lewistown	12	1645EST			0 0		Thunderstorm Wind
			Tops of trees were blown out along Rte. 322 just south of Lewistown.				
Northumberland County Dornsife	12	1645EST			0 0		Thunderstorm Wind
			Trees were downed by strong winds in Dornsife.				
Northumberland County Herndon	12	1645EST			0 0		Thunderstorm Wind
			Trees were downed by strong winds along Rte. 147 in Herndon.				
Juniata County 2 E Mexico	12	1700EST			0 0		Thunderstorm Wind
			Trees downed power lines due to strong winds near Mexico, in the town of Center.				
Perry County Ickesburg	12	1800EST			0 0		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
PENNSYLVANIA, Central									
	Trees were downed by strong winds along Rte. 74 in Saville Township.								
Somerset County									
Windber	14	1500EST			0	0			Thunderstorm Wind
	Strong winds brought power lines down in Windber.								
Bedford County									
Bedford	14	1540EST			0	0			Hail
	Dime-size hail fell in Bedford.								
Cambria County									
5 SW Johnstown	14	1543EST			0	0			Hail
	Nickel size hail fell along Rte. 271, 5 miles southwest of Johnstown.								
Somerset County									
Windber	14	1545EST			0	0			Thunderstorm Wind
	Power lines were brought down onto a house by strong winds in Windber.								
Cambria County									
Southmont	14	1551EST			0	0			Thunderstorm Wind
	A tree was brought down by strong winds in Southmont.								
Lycoming County									
Hughesville	14	1555EST			0	0			Thunderstorm Wind
	Strong winds brought trees down onto a house in Hughesville.								
Cambria County									
Johnstown	14	1615EST			0	0			Flash Flood
	Heavy rains flooded basements in Upper Yoder Township near Johnstown. Route 56 was under 5 to 6 feet of water.								
Somerset County									
5 S Johnstown	14	1615EST			0	0			Thunderstorm Wind
	Strong winds brought a tree down on Moonlight Road in Conemaugh Township.								
Franklin County									
Blue Ridge Summit	14	1700EST			0	0			Thunderstorm Wind
	Strong winds brought trees down onto power lines in Blue Ridge Summit.								
Franklin County									
Mercersburg	14	1700EST			0	0			Thunderstorm Wind
	Strong winds brought trees down onto power lines in Mercersburg.								
Adams County									
Biglerville	14	1730EST			0	0			Thunderstorm Wind
	Strong winds brought a tree down at Rte. 234 and Old Carlisle Road in Biglerville.								
Adams County									
New Oxford	14	1807EST			0	0			Hail (0.75)
	Dime-size hail fell in New Oxford for fifteen minutes.								
York County									
Hanover	14	1830EST			0	0			Thunderstorm Wind
	Strong winds brought trees and power lines down in Hanover.								
Lebanon County									
Lickdale	17	1600EST			0	0			Flash Flood
	6 inches of rain fell northeast of Lickdale at Lake Strause. Basements were flooded and roads washed out.								
York County									
Slate Hill	17	1608EST			0	0			Thunderstorm Wind
	Strong winds knocked trees down and moved a tractor in Peach Bottom Township.								
Centre County									
Bellefonte	17	1700EST			0	0			Thunderstorm Wind
	Several apple trees were downed by strong winds in Bellefonte.								
Centre County									
State College	17	1700EST			0	0			Flash Flood
	Over 5 inches of rain fell in two hours flooding roads and basements in State College. The State College High School suffered damage to classrooms on the lowest level and to the swimming pool. Several labs at Penn State also were damaged. Between 80 and 100 homes in the area sustained some damage.								
Dauphin County									
Harrisburg	17	1700EST			0	0			Thunderstorm Wind
	Strong winds knocked trees down and blew limbs onto power lines in the Harrisburg area and Swatara Township.								
Lancaster County									
Columbia	17	1800EST			0	0			Flash Flood
	Basements were flooded and heavy rains caused mudslides near Columbia.								
Cambria County									
Johnstown	18	1630EST			0	0			Thunderstorm Wind
	Strong winds downed trees in Johnstown.								
Cambria County									
Johnstown	18	1645EST			0	0			Flash Flood
	Roads and basements were flooded and small streams were out of their banks in Richland Township.								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm
<u>PENNSYLVANIA, Central</u>										
Somerset County										
Windber	18	1800EST			0	0				Flash Flood
	Basements and small streams flooded in the Windber area.									
Bedford County										
Riddlesburg	18	1930EST			0	0				Flash Flood
	300 people were evacuated in northern Bedford County. Bridge out Riddlesburg. Coalsdale Defiance basements flooded.									
Franklin County										
St Thomas	18	2000EST			0	0	1M			Flash Flood
	Major flooding occurred as thunderstorms stalled and dumped torrential rains across the St. Thomas area west of Chambersburg. Up to 12 inches of rain fell in the area overnight, washing out roads and flooding homes. A 42 year old female drowned after driving into a flooded road at 11:45 p.m. Rescue attempts failed. Damage estimates were in the range of \$1 million.									
Huntingdon County										
Southern	18	2030EST			0	0				Flash Flood
	Two roads were closed and small streams were out of banks across southern Huntingdon County.									
Adams County										
Gettysburg	18	2200EST			0	0				Flash Flood
	Major flooding occurred in Gettysburg. Thunderstorms developed northeast parts of Adams County and continued to develop southwest into Gettysburg as the evening progressed. More than 9 inches of rain from 9:00 p.m. to 1:00 a.m. in Gettysburg with a storm total in excess of 11 inches. Damage estimates were around \$5 million in the borough and surrounding townships. 50 homes and 19 businesses, 8 bridges and many roads and streets were damaged. Two teenage girls were swept away in the waters of Stevens Run, but were rescued by firemen. The Sach's Mill Covered Bridge across Marsh Creek which predated the Civil War was washed off its piers and lay crumpled on the stream bank. At one point every major road leading into Gettysburg was closed.									
York County										
5W York	19	0200EST			0	0				Flash Flood
	Evacuations occurred along Conewago Creek as runoff from heavy rains in Adams County moved downstream.									
Clinton County										
Mill Hall	20	1400EST			0	0				Thunderstorm Wind (G50)
	Trees and power lines were downed by strong winds in Mill Hall.									
Huntingdon County										
Shirleysburg	20	1500EST			0	0				Flash Flood
	Small streams and roads were flooded in Shirleysburg and other areas.									
Union County										
10 E Loganton	20	1500EST			0	0	15M			Thunderstorm Wind
	Strong winds knocked trees down along Rte. 80 near West Buffalo Township.									
Lycoming County										
7 NW Williamsport	20	1630EST			0	0	10K	0		Thunderstorm Wind
	Trees and power lines were knocked down by strong winds in Anthony Township.									
Fulton County										
Mcconnellsburg	20	1725EST			0	0				Flash Flood
	Road flooding occurred along Route 522 about 5 miles south of McConnellsburg.									
Adams County										
Biglerville	20	1800EST			0	0				Thunderstorm Wind
	Trees were downed by strong winds in the Biglerville area.									
Dauphin County										
Harrisburg	20	1900EST			0	0				Thunderstorm Wind
	Trees were knocked down in the Harrisburg area due to strong winds.									
Adams County										
Biglerville	20	1915EST			0	0				Flash Flood
	Heavy rains caused the closing of several roads in the Biglerville area.									
Cumberland County										
5 NE Carlisle	20	1930EST			0	0				Thunderstorm Wind
	Trees were knocked down on wires in Middlesex Township.									
Perry County										
Liverpool	20	1930EST			0	0				Thunderstorm Wind
	Strong winds knocked trees down in Liverpool.									
Cumberland County										
Enola	20	1935EST			0	0				Thunderstorm Wind
	The side of a home was damaged by strong winds and trees were knocked down in Enola.									
York County										
York	20	1940EST			0	0				Thunderstorm Wind
	Trees were knocked down by strong winds in the city of York.									
Cumberland County										
6 N Camp Hill	20	1945EST			0	0				Thunderstorm Wind
	Trees were knocked down by strong winds in East Pennsboro Township.									
York County										
Yorkana	20	1945EST			0	0				Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
PENNSYLVANIA, Central									
		Trees were knocked down by strong winds in Yorkana.							
Franklin County									
St Thomas	20	2000EST			0	0			Flash Flood
		Roads were flooded by heavy rains in the St. Thomas area.							
Lancaster County									
Adamstown	20	2020EST			0	0			Thunderstorm Wind
		Trees were downed onto roads near Adamstown and in West Cocalico Township.							
Cambria County									
4 NW St Lawrence	22	1305EST			0	0			Thunderstorm Wind
		Trees were downed by strong winds near Chest Creek.							
Clearfield County									
1 W Osceola Mills	22	1305EST			0	0			Thunderstorm Wind
		Trees were downed by strong winds near Osceola Mills.							
Centre County									
5 SW Port Matilda	22	1315EST			0	0			Thunderstorm Wind
		Strong winds downed trees in the Port Matilda area.							
Centre County									
4 SW Pine Grove Mills	22	1330EST			0	0			Thunderstorm Wind
		Strong winds downed trees near Pine Grove Mills.							
Huntingdon County									
5 SE Huntingdon	22	1415EST			0	0			Thunderstorm Wind
		Trees were downed along Rte. 22 near Huntingdon.							
Adams County									
5 S Gettysburg	24	1200EST			0	0			Hail
		Golf ball size hail fell near Gettysburg.							
Adams County									
5 S Gettysburg	24	1200EST			0	0			Thunderstorm Wind
		Trees were downed and a roof was blown off a schoolhouse near Gettysburg. A silo top was also blown off.							
Cambria County									
Westmont	24	1430EST			0	0			Thunderstorm Wind
		Trees and power lines were brought down in Westmont.							
Cambria County									
3 S Johnstown	24	1435EST			0	0			Thunderstorm Wind
		A 60 m.p.h. gust was recorded just south of Johnstown.							
Cambria County									
2 W St Michael	24	1445EST			0	0			Thunderstorm Wind
		Numerous trees were uprooted in the Mt. Hope area due to straight-line winds. Some minor structural damage was caused by trees falling onto roofs.							
Somerset County									
2 NE Savage	24	1512EST			0	0			Hail
		Large hail fell in the Mount Davis area.							
Bedford County									
Chaneysville	24	1515EST			0	0			Thunderstorm Wind
		Trees were downed by strong winds in Chaneysville.							
Bedford County									
Everett	24	1515EST			0	0			Thunderstorm Wind
		Trees were downed by strong winds in the Everett area.							
Blair County									
Duncansville	24	1515EST			0	0			Thunderstorm Wind
		Trees were downed onto power lines by strong winds in Duncansville.							
Somerset County									
Meyersdale	24	1517EST			0	0			Thunderstorm Wind
		Trees were downed by strong winds in Meyersdale.							
Cambria County									
Johnstown	24	1530EST			0	0			Flash Flood
		Basements and roads were flooded in upper Yoder and Jackson Township near Johnstown.							
Bedford County									
Artemas	24	1545EST			0	0			Thunderstorm Wind
		High winds took down two trees at the Artemas Post Office, missing the building.							
Blair County									
Altoona	24	1600EST			0	0			Flash Flood
		Heavy rains caused small stream flooding in the Altoona area. A trailer court on Route 764 was affected.							
Franklin County									
Mercersburg	24	1616EST			0	0			Thunderstorm Wind
		Large limbs were downed by strong winds in Mercersburg.							

Storm Data and Unusual Weather Phenomena

Time Loss/	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
PENNSYLVANIA, East									
Bucks County									
Levittown	12	1645EST			0	0			Thunderstorm Wind (G55)
	A SKYWARN Spotter reported a wind gust to 63 mph in Levittown.								
Montgomery County									
Southeast	12	1645EST 2300EST			0	0			Flash Flood
	Nearly stationary thunderstorms brought torrential downpours and flooding of smaller streams and underpasses in the southeast part of the county toward the Philadelphia and Bucks County borders. Several motorists were rescued from submerged cars. No injuries occurred.								
Montgomery County									
Montgomeryville	12	1720EST			0	1			Lightning
	Lightning struck and traveled through the house of a Montgomery Township woman and gave her an hospitalizing electrical shock. Lightning also directly hit the township's police tower and knocked its phone system out. It also welded a key in a lock.								
Bucks County									
Southeast	12 13	1745EST 0345EST			2	0	14.5M		Flash Flood
	Nearly stationary thunderstorms brought three to eleven and a half inches of rain within a four hour period to southeast Bucks County. The 11.55 inches of rain that fell in Langhorne represented a greater than one hundred year single day storm. Two men drowned, a 54-year-old and a 52-year-old. Damage was estimated at 14.5 million dollars, 13 million to property and 1.5 million to state and local roads. A state of emergency was declared that evening. The county was declared a major disaster area later in the month. Ninety people escaped possible injury by evacuating Gold's Gym in Middletown Township just before the roof collapsed from the heavy rain at 610 p.m. EDT. Nearly every major roadway was made impassable by the torrential downpours including Pennsylvania State Route 413 and U.S. Routes 1 and 13. Even Interstate 95 was closed at 8 p.m. EDT in Pennel Borough. Creeks that flooded included the Neshaminy, Brock, Mill, Queen Anne, Indian, Silver and Deer Run.								
	The hardest hit townships were Middletown (\$11.5 million in damage), Falls, Lower Makefield and Bristol. The hardest hit boroughs within these towns were Bristol, Langhorne, Morrisville, Pennel and Yardley. Seven bridges were washed out. Four homes were destroyed, 62 suffered major damage, 215 had moderate damage and 381 incurred minor damage. About 30 businesses were also damaged including a bowling alley in Langhorne that was ruined.								
	The first fatality occurred about 8 p.m. EDT. A 52 year-old-man on his way to his daughter's cancelled graduation drove his car into the Silver Creek. The vehicle plunged about 15 feet into the swollen creek. His body was found near the 15th hole of the adjacent Yardley Country Club. Before he arrived, the creek had washed out the single lane 107-year-old bridge on Reading Avenue. Ironically another woman was probably saved because her vehicle landed on top of his. She managed to get out of her car and clinged to a tree until she was rescued. The second fatality occurred about 1230 a.m. EDT on the 13th in Penn Valley/Falls Township. A 54-year-old man's vehicle stalled in four feet of water on Newbold Road near the Penn Warner Industrial Park. He rescued his mother from the flood waters, but returned to his car. He was then plowed over by a wall of water from a passing truck. His body was found near his vehicle's bumper.								
	Middletown Township had the most flood damage. The worst was along the Mill Creek and on Wyoming Avenue. In the Pennel Borough dozens of people were trapped on the second floor of their homes on Wyoming and Delaware Avenues. Two hundred shoppers at the Oxford Valley mall were stranded until about midnight EDT. Flooding along the Mill Creek continued through Bristol Township. Boats were used to rescue stranded motorists. The Bristol Senior Citizen Center was submerged in four feet of water. Four bridges were washed out in Falls Township and emergency personnel waded in four feet of water to rescue stranded motorists. In Lower Makefield Township, the flooding washed out the SEPTA train tracks. Cars were pushed out of the driveways onto the streets by the flood waters. Three bridges were washed away. In Yardley Borough, flooding along the Brock and Silver Creeks and the Canal inundated the area again for the second time this year. About 200 to 300 persons were rescued. Cars were buried in water. Evacuations were ordered between the Canal and Delaware River. Officials feared gas explosions from eroded roadways and exposed lines. Power was not restored until Friday the 14th. In Bensalem, the Neshaminy Creek flooded. A 40 foot boat and its dock were ripped from their moorings and smashed into the U.S. Route 13 Bridge. Farther upstream the Neshaminy Creek in Langhorne crested at 11.8 feet at 115 a.m. EDT. Flood stage is 9 feet.								
	In addition to the 11.55 inches of rain that fell near the Oxford Valley Mall, other reported rainfall amounts included 9 inches at the Middletown Country Club, 6.1 inches in Yardley, 5 inches in Neshaminy Falls, 4.8 inches in Richboro and 3.3 inches in Southampton.								
	M52VE, M54IW								
Berks County									
North Central	14	2145EST			0	0			Thunderstorm Wind
Berks County									
1 E Bernville	14	2145EST			0	0			Hail (0.75)
	A severe thunderstorm took down some power lines in north central Berks County in Centre, Maiden Creek and Ontelaunee Townships. About 1,500 homes lost power. Large hail also fell in Penn Township.								
Chester County									
Honey Brook	17	1525EST			0	0			Thunderstorm Wind (G61)
	A SKYWARN spotter reported a wind gust to 70 mph in Honey Brook.								

Storm Data and Unusual Weather Phenomena

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PENNSYLVANIA, Northeast

Wayne County									
5 N Honesdale	12	1615EST			0	0	10K	0	Thunderstorm Wind
	Severe thunderstorms downed trees onto power lines along Route 191 in Dyberry Township.								
Bradford County									
3 SE Wyalusing	22	1400EST 1415EST	1	100	0	0	500K	0	Tornado (F1)
Wyoming County									
1 NW Laceyville to 5 W Factoryville	22	1415EST 1445EST	6	100	0	0	500K	0	Tornado (F1)
Wyoming County									
5 W Factoryville	22	1445EST 1500EST	5	100	0	0	500K	0	Tornado (F1)
Luzerne County									
Duryea to Avoca	22	1500EST 1515EST	1.5	100	0	0	200K	0	Tornado (F0)

The severe thunderstorm which produced golf-ball sized hail in Chemung and Schuyler counties in New York spawned a tornado as it crossed southeast Bradford County Pennsylvania. Initial damage occurred in Tuscarora Township, where a home received extensive damage. A 25-foot trailer was tossed about one hundred feet, and a garage was completely lifted off its foundation and destroyed. The tornado tracked to the southeast, and moved into Braintrim Township in northwest Wyoming County around 315 PM, then Laceyville where severe tree damage was observed. A barn was destroyed with only one wall left standing. Many trees were sheared off or uprooted in town, and near the Laceyville Bridge as the tornado crossed the Susquehanna River. The tornado then moved into Windham Township at North Flats, along State Route 3001. One eyewitness was a car picked up and spun around, but the occupants were not injured. A mobile home was lifted off its foundation and pushed onto the street. Its occupants were unharmed. The tornado cut across a corn field and sheared off trees within a hedge row as it re-approached the Susquehanna River. Damage was spotty immediately after the tornado crossed the river northwest of Black Walnut. The next area of significant damage occurred about one-quarter mile north of Route 6, on State Route 4009, where many large trees were toppled. The tornado then moved southeast into Black Walnut where many homes were damaged on the north side of Route 6. One mobile home and several garages were completely destroyed. Nearly all of the campsites located south of Route 6, along the northern shore of the Susquehanna River, were damaged by large trees downed by the tornado. The tornado crossed the Susquehanna River once again where it downed and uprooted several hundred trees within a 100 yard swath as it moved up a steep slope. The damage path narrowed near the top of the mountain. It was undetermined whether or not damage occurred downstream from this point, but an aerial survey indicated spotty damage toward the town of Scottsville. The tornado was rated as an F1, with wind speeds between 73 and 122 MPH. The damage path was at least 6 to 7 miles long, and averaged 100 yards in width.

As the storm crossed the border into Luzerne County, an F0 tornado touched down in the communities of Duryea and West Avoca. The tornado damaged several homes, with many more homes damaged by uprooted and snapped trees. A portion of these homes had roofing material blown off, gutters and siding separated. The damage path in Luzerne County was broken as the storm skipped to the east/southeast, but extended a total of about one and a half miles.

PENNSYLVANIA, Northwest

Erie County Union City	04	1730EST	0	0		Hail (0.75)
		Large hail covered the ground.				
Crawford County Saegertown	07	2015EST	0	0	15K	Flash Flood
		Heavy rain caused flooding of streets and low lying areas. One car was stranded in the high water.				
Crawford County Countywide	07	2125EST	0	0		Flash Flood
		Heavy rain caused flooding of roads and low lying areas.				
Erie County Union City	07	2205EST	0	0		Flash Flood
		Heavy rain caused flooding of roads and low lying areas.				
Erie County Northwest	11	1825EST 1900EST	0	0	20K	Flash Flood
		Heavy rain caused flooding of streets and low lying areas from Fairview northeast through the city of Erie and Harbor Creek. In Erie, the Liberty Street underpass, West 12th Street and Route 5 were all closed by the flooding.				
Erie County Corry	11	1830EST 2000EST	0	0	2K	Thunderstorm Wind (G50)
		Several trees and large branches were downed.				
Erie County Northwest Lakeshore	18	0645EST 0730EST	0	0	15K	Flash Flood
		Heavy rain caused flooding of streets, basements and low lying areas in the cities of Northeast and Erie. In Erie, the underpass area at 12th and Green Garden was closed due to the flooding and the Erie street department building was flooded.				
Erie County Erie	18	1150EST	0	0		Flash Flood
		Heavy rain caused flooding of streets and low lying areas. Exit seven on I90 was closed.				

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PENNSYLVANIA, Northwest</u>									
Crawford County Northwest	18	1545EST 1652EST			0	0	15K		Flash Flood
Heavy rain caused flooding in Conneaut Lake Park and Penn Lakes Village Trailer Park.									
Erie County Countywide	18	2210EST			0	0	20K		Flash Flood
Heavy rain caused flooding of roads, basements and low lying areas. There was one to two feet of water on roads in Millcreek Township.									
Erie County Corry	19	0040EST 0145EST			0	0	50K		Flash Flood
Heavy rain caused flooding of streets, basements and low lying areas. One street was cut in half by a cave-in. Cars were stranded and some homes were evacuated.									
Erie County Meadville	19	0540EST			0	0			Flash Flood
Heavy rain caused flooding of roads and low lying areas.									
Erie County Wattsburg	19	1235EST			0	0			Flash Flood
Heavy rain caused flooding of streets, streams and low lying areas. The north branch of French Creek was out of its banks.									
Crawford County Northwest	19	1833EST 1900EST			0	0	670K		Flash Flood
Heavy rain caused flooding of streets, basements and low lying areas. Downtown Springboro sustained severe damage and one house was surrounded by water and had to be evacuated along with several others.									
Crawford County Northwest	19	2100EST			0	0	500K		Flash Flood
Heavy thunderstorm rain caused significant flooding of roads, basements and low lying areas especially in Conneautville. State Route 18 suffered heavy damage, a section of South Center Road was completely washed out, a garage was destroyed, and sidewalks buckled. Trees, large rocks and branches were strewn across lawns and sidewalks. Some homes were evacuated.									
<u>PENNSYLVANIA, West</u>									
Lawrence County Bessemer	04	2100EST			0	0	4K		Thunderstorm Wind
Branches and a few trees were downed by thunderstorm winds near Bessemer. Some of the trees fell across and downed power lines.									
Westmoreland County Latrobe Arpt	08	1430EST			0	6			Lightning
Six people were injured, none seriously, after lightning struck close by during the Westmoreland County Air Show. Four of the injured were sent to an area hospital and were treated and released. All four complained of numbness in their arms and legs.									
Fayette County Uniontown	08	1450EST 1600EST			0	0	6K		Flash Flood
Widespread flooding was reported in and near Uniontown after 2.25 inches of rain fell in one hour. Motorists were stranded and a street collapsed in Uniontown.									
Westmoreland County Irwin	08	1520EST			0	0	5K		Thunderstorm Wind
Power lines and trees were downed by thunderstorm winds.									
Westmoreland County Ligonier	08	1530EST			0	0	2K		Thunderstorm Wind
Thunderstorm winds downed some trees in Ligonier.									
Allegheny County Plum	08	1545EST			0	0	1K		Thunderstorm Wind
A tree was downed across a road in Plum. Branches were also downed in the area.									
Allegheny County Monroeville	08	1600EST 1645EST			0	0			Flash Flood
Pitcairn Road was flooded in Monroeville. A rock and mud slide was also reported across a road in Monroeville.									
Westmoreland County New Kensington	08	1615EST			0	0	20K		Thunderstorm Wind
A 20 foot by 50 foot section of a roof was torn from a building. Trees and power lines were downed and telephone poles were snapped in New Kensington.									
Westmoreland County New Kensington	08	1615EST 1700EST			0	0			Flash Flood
Extensive street flooding was reported in New Kensington.									
Westmoreland County Greensburg	11	1420EST			0	0	3K		Lightning
Lightning struck a house in Greensburg and sparked a small attic fire.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
PENNSYLVANIA, West							
Westmoreland County Ligonier	11	1430EST			0 0		Hail (0.75)
Indiana County 1 N Marion Center	11	1455EST			0 0	2K	Thunderstorm Wind
			Trees were downed along Route 119 just north of Marion Center.				
Indiana County 1 N Marion Center	11	1455EST			0 0		Hail (0.75)
Jefferson County Ramsaytown	11	1510EST			0 0	2K	Thunderstorm Wind
			Trees were downed by thunderstorm winds in Ramsaytown.				
Jefferson County 3 W Richardsville	11	1525EST			0 0	2K	Thunderstorm Wind
			Trees were downed by thunderstorm winds across Moore Bridge Road, west of Richardsville.				
Forest County Marienville	11	1555EST			0 0	1K	Thunderstorm Wind
			Thunderstorm winds downed a tree and large branches in Marienville.				
Lawrence County Volant	11	1615EST			0 0		Hail (0.88)
Washington County Mc Murray	11	1655EST			0 0	1K	Thunderstorm Wind
			A couple of trees were downed by thunderstorm winds.				
Allegheny County Dormont	11	1710EST			0 0	1K	Thunderstorm Wind
			Thunderstorm winds downed a couple of trees along Banksville Road in Dormont.				
Westmoreland County Pleasant Valley	11	1715EST			0 0	2K	Thunderstorm Wind
			Trees were downed by thunderstorm winds along the Pennsylvania Turnpike near Pleasant Valley.				
Butler County 3 S Sarver	18	1418EST			0 0	2K	Thunderstorm Wind
			Thunderstorm winds downed trees throughout the southern part of the county.				
Butler County Butler	18	1420EST 1500EST			0 0		Flash Flood
			Extensive street flooding was reported in the east side of Butler.				
Butler County 2 S Ekastown	18	1420EST			0 0	2K	Thunderstorm Wind
Butler County Criders Corners	18	1435EST			0 0	2K	Thunderstorm Wind
Westmoreland County Lowber	18	1435EST			0 0	3K	Thunderstorm Wind
			Several trees and large branches were downed in Sutersville.				
Armstrong County Adrian	18	1440EST			0 0	1K	Thunderstorm Wind
			Trees were downed by thunderstorm winds.				
Armstrong County Apollo	18	1440EST			0 0	1K	Thunderstorm Wind
			Trees were downed by thunderstorm winds in Apollo.				
Armstrong County Ford City	18	1500EST 1600EST			0 0	20K	Flash Flood
			Route 66 north and south of Ford City and nearby roads had extensive flooding. Nine basements were also flooded 2 miles south of Ford City.				
Indiana County Homer City	18	1510EST			0 0	2K	Thunderstorm Wind
			Trees were downed by thunderstorm winds.				
Indiana County 4 SW Clarksburg	18	1510EST			0 0	2K	Thunderstorm Wind
			Trees were downed by thunderstorm winds.				
Indiana County Indiana	18	1530EST			0 0	3K	Thunderstorm Wind
			Power lines and trees were downed by thunderstorm winds in Indiana.				
Indiana County Indiana	18	1530EST 1630EST			0 0		Flash Flood
			Two to three feet of water covered some streets in Indiana. Up to three feet of water made Route 119 3 miles north of Indiana impassable. Marsh Run in Indiana went over its banks and flooded nearby roads.				

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
PENNSYLVANIA, West									
Westmoreland County									
Herminie	1819	1700EST0030EST			0	0			Flash Flood
		Flooded roads were reported near Harmony.							
Washington County									
Mc Donald	18	1710EST2300EST			0	0			Flash Flood
		Extensive street flooding was reported in McDonald.							
Allegheny County									
Bridgeville	1819	1745EST0000EST			0	0			Flash Flood
		Extensive road flooding was reported in the southern part of the county near Bridgeville. One observer recorded 1.65 inches of rain in 45 minutes. The Pittsburgh International Airport recorded a daily record rainfall on the 18th of 2.25 inches. This amount was the sixth greatest daily rainfall total ever recorded for Pittsburgh in the month of June. The previous daily record was 1.56 inches set in 1934.							
Washington County									
Midway	18	1811EST			0	0	2K		Thunderstorm Wind
		Power lines were downed by thunderstorm winds.							
Washington County									
Midway	1819	2300EST0500EST			0	0	5K		Flash Flood
		Flood waters rose up to three feet deep in the streets of Midway. Flooded roads were also reported in Cecil, Hamilton and McDonald. Roads and a few basements were flooded in Canonsburg.							
Allegheny County									
Mc Keesport	19	0000EST1030EST			0	0	3.0M		Flash Flood
		Heavy thunderstorm rains continued to create flash flooding conditions throughout the county. Some roads, including Allegheny River Boulevard in downtown Pittsburgh, experienced extensive flooding.							
		The most significant flash flood event occurred at an automobile dealership in southeast Allegheny County between 6 and 7 am EST. Long Run and Jack's Run went out of their banks. Homes were flooded along Route 48. Flooding along Long Run swept 3 vehicles into a large storm water catch basin. The first auto was a compact and was later discovered over a mile downstream from the dealership. The other two vehicles were larger sport-utility vehicles and they became lodged in the culvert. Of the 175 autos that were damaged or destroyed, 105 were new and 75 were used. Extensive damage to the asphalt pavement also occurred. Losses at the dealership were estimated around \$3 Million.							
		Mudslides were reported along Route 51. Streets Run Creek at the Glenwood Bridge in the Hays section of Pittsburgh went out of its banks.							
Butler County									
1 SW Mars	19	0030EST			0	0	10K		Lightning
		Lightning sparked a fire and destroyed a barn.							
Greene County									
Waynesburg	19	1820EST			0	0	3K		Thunderstorm Wind
		Power lines were downed in Waynesburg.							
Westmoreland County									
North Washington	19	1830EST2000EST			0	0	3K		Flash Flood
		Flooding occurred along Pine Run near North Washington. Mobile homes were evacuated and nearby roads were flooded.							
Allegheny County									
Leetsdale	19	1900EST			1	0			Flash Flood
		A 24 year-old man fell into the Little Sewickley Creek, flooded by recent heavy rains, while riding a bicycle. He drowned in the turbulent water. M24IW							
Butler County									
6 W Butler	19	2000EST2030EST			0	0			Flash Flood
		Heavy thunderstorm rains flooded Mt. Nebo and Crab Run Roads west of Butler. Small streams, including Crab Run, were also flooded.							
Butler County									
Portersville	19	2110EST			0	0			Hail (0.75)
Beaver County									
Freedom	1920	2140EST0230EST			0	0	7.5M		Flash Flood
		Flooding and mudslides were reported in Freedom. Some houses were evacuated. The ground gave way under one house in Center Township. Flooding was reported at Crow's Run in New Sewickley Township and along Elkhorn Run in Monaca. Widespread and prolonged thunderstorms with very heavy rain produced numerous storm total reports of 2 to 3 inches.							

Along Elkhorn Run, several autos were destroyed by the raging flood waters. Several homes were evacuated. Flood waters washed out a private bridge. Two other county-owned bridges were damaged or destroyed during the flood. A bridge and water main line

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
PENNSYLVANIA, West									
									was washed out in Rochester. Some homes were pushed off their foundations.
									Mudslides were reported along Route 51 in Monaca and Aliquippa. Numerous roads were flooded and closed.
									Throughout the county a total of 193 homes and 19 commercial buildings sustained damage, including over \$4 million in damages to a shopping center.
Mercer County Stoneboro	22	0630EST 0800EST			0	0	5K		Flash Flood
									Roads were flooded in West Middlesex. Some basement flooding was reported in Stoneboro.
Mercer County 3 SW Stoneboro	22	0635EST			0	0	1K		Thunderstorm Wind
									A couple of trees were downed by thunderstorm winds across Route 62.
Mercer County Stoneboro	22	0640EST			0	0	2K		Thunderstorm Wind
									Thunderstorm winds downed power lines in Stoneboro.
Lawrence County 2 N New Castle	22	0700EST 0730EST			0	0			Flash Flood
									Heavy thunderstorm rains flooded roads north of New Castle.
Westmoreland County Greensburg	22	1245EST			0	0	2K		Thunderstorm Wind
									Trees were downed by thunderstorm winds on the north side of town.
Westmoreland County 5 NE Greensburg	22	1248EST			0	0	1K		Thunderstorm Wind
									Large branches were downed by thunderstorm winds.
Westmoreland County Latrobe	22	1255EST			0	0	3K		Thunderstorm Wind
									Trees and power lines were downed in the southern part of Latrobe.
Allegheny County Imperial	22	1304EST			0	0			Hail (0.75)
Allegheny County Etna	22	1330EST			0	0	3K		Thunderstorm Wind
									Trees were downed across Route 28 in Etna.
Washington County Finleyville	22	1335EST			0	0	3K		Thunderstorm Wind
									Trees and wires were downed by thunderstorm winds in Finleyville.
Westmoreland County West Newton	22	1404EST			0	0	3K		Thunderstorm Wind
									A tree, some large branches and power lines were downed by thunderstorm winds.
Mercer County 2 NW Sharpsville	24	0630EST			0	0			Hail (0.88)
Butler County Slippery Rock	24	0730EST 0815EST			0	0			Flash Flood
									1.50 inches of rain was reported in 45 minutes near Slippery Rock. Some nearby roads and low-lying areas were flooded.
Beaver County Monaca	24	1220EST			0	0			Hail (0.75)
Beaver County Harshaville	24	1230EST			0	0	3K		Thunderstorm Wind
									Several large trees were downed by thunderstorm winds along Route 30 near Harshaville.
Allegheny County Sewickley	24	1230EST			0	0			Thunderstorm Wind (G59)
									Thunderstorm winds gusted to 68 miles per hour in Sewickley.
Beaver County Monaca	24	1235EST			0	0	2K		Thunderstorm Wind
									Power lines were downed in Monaca.
Allegheny County (Pit)Gtr Pittsburgh	24	1249EST			0	0			Thunderstorm Wind (G55)
Beaver County Ambridge	24	1255EST			0	0	50K		Thunderstorm Wind
									Thunderstorm winds tore a section of the roof from a school. Windows were also blown out and nearby trees were downed.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>PENNSYLVANIA, West</u>									
Beaver County New Brighton	24	1300EST			0	0			Hail (0.75)
Allegheny County Pittsburgh	24	1300EST 1900EST			0	0	150K		Flash Flood
Widespread flash flooding was reported in Pittsburgh and throughout Allegheny County. Heavy thunderstorm rains dropped 1.62 inches of rain in 45 minutes at the National Weather Service Office in Moon Township. Runoff from the rain flooded many streets in Moon Township. Thorn Run overflowed its banks and damaged a pool and swept mud and water into dozens of homes. The creek washed out a foot bridge and tore down a 50 foot retaining wall. Flaugherty Run in Moon Township went out of its banks and flooded nearby roads. A lobby of a hotel in the township was also flooded.									
Route 8 north of Etna was closed due to flood waters. Roads were also flooded in Imperial. Mudslides were reported along Allegheny River Boulevard near Nadine. Flash flooding occurred along Little Sewickley Creek. Grant Street in Pittsburgh was flooded. Several roads were flooded in Millvale and mudslides were reported in Aspinwal.									
Route 60 was flooded along McClaren's Run. A creek was out of its banks and flooded Hookstown Grade Road. Street flooding was also reported in Leetsdale and Sewickley. A shopping center was flooded in Leetsdale. Mount Nebo Road and Camp Horne Road was closed due to high flood waters.									
The Pittsburgh International Airport received a total of 3.11 inches of rain on the 24th, a new daily record. Also, this amount was the second greatest daily rainfall total ever recorded in the month of June, based on precipitation records dating back to 1872. One-half of the total (1.55 inches) fell in just 29 minutes.									
Beaver County New Brighton	24	1312EST			0	0			Hail (0.75)
Allegheny County Pittsburgh	24	1320EST			0	0	3K		Thunderstorm Wind
Power lines were downed on the east side of Pittsburgh.									
Allegheny County West View	24	1320EST			0	0	1K		Thunderstorm Wind
Three trees were downed in West View.									
Westmoreland County Jeanette	24	1330EST 1445EST			0	0			Flash Flood
Brush Creek near Jeanette went out of its banks after a severe thunderstorm dumped very heavy rains. The creek flooded Oakford Park Road. Roads were also flooded in North Huntingdon Township.									
Beaver County Monaca	24	1335EST 1400EST			0	0			Flash Flood
Several roads were flooded in Monaca.									
Westmoreland County Jeanette	24	1345EST			0	0	1K		Thunderstorm Wind
A few trees were downed by thunderstorm winds in Jeanette.									
Washington County Bentleyville	24	1350EST 1420EST			0	0	1K		Flash Flood
Flooding occurred at a golf course near Bentleyville. Water flowing across a road into a parking lot washed away some asphalt pavement.									
Allegheny County Penn Hills	24	1400EST			0	0	6K		Thunderstorm Wind
About 35 trees were downed by thunderstorm winds in Penn Hills.									
Westmoreland County Bolivar to 3 S New Florence	24	1400EST 1410EST			0	0	5K		Thunderstorm Wind
Several trees and large limbs were downed by thunderstorm winds in swath from near Bolivar to about 3 miles south of New Florence.									
Allegheny County West View	24	1405EST			0	0			Thunderstorm Wind (G51)
Allegheny County West View	24	1405EST			0	0			Hail (1.75)
Indiana County Robinson	24	1405EST			0	0	2K		Thunderstorm Wind
Large limbs and a few trees were downed by thunderstorm winds.									
Westmoreland County Latrobe	24	1420EST			0	0	3K		Thunderstorm Wind
Several trees were downed by thunderstorm winds in Latrobe.									
Washington County California	24	1420EST			0	0			Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Several large limbs were downed by thunderstorm winds in California.									
Washington County California	24	1420EST			0	0	20K		Lightning
Lightning sparked a fire at a commercial building.									
Jefferson County Brookville	24	1430EST			0	0	5K		Lightning
A house was struck by lightning. A resulting fire caused damage to the roof.									
Westmoreland County Delmont	24	1430EST			0	0	2K		Thunderstorm Wind
A few trees were downed by thunderstorm winds in Delmont.									
Jefferson County Punxsutawney	24	1430EST 1530EST			0	0	5K		Flash Flood
A few basements were flooded.									
Fayette County Uniontown	24	1430EST 1700EST			0	0			Flash Flood
One inch of rain in 12 minutes caused flooding of roads and low-lying areas in Uniontown.									
Westmoreland County Millwood	24	1445EST			0	0	1K		Thunderstorm Wind
Thunderstorm winds downed a tree across Route 217.									
Westmoreland County Derry	24	1445EST			0	0	3K		Thunderstorm Wind
Several trees were downed by thunderstorm winds. One tree fell on a house causing minor damage.									
Westmoreland County New Alexandria	24	1445EST			0	0	5K		Thunderstorm Wind
Thunderstorm winds downed a tree onto a car. No injuries were reported.									
Westmoreland County Harrison City	24	1545EST 1700EST			0	0			Flash Flood
Flooding was reported along Route 130 near Harrison City.									
PUERTO RICO									
St Croix	06	1815AST 1830AST			0	0			Waterspout
A pilot reported a waterspout eight nautical miles north of St. Croix.									
Guayanilla Yauco Guanica	15	0910AST 1230AST			0	0			Urban/Sml Stream Fld
Civil defense reported street flooding in Guanica.									
Humacao Humacao	15	0910AST 1230AST			0	0			Heavy Rain
Civil Defense reported heavy rain in Humacao.									
Fajardo Rio Grande Luquillo	15	0910AST 1230AST			0	0			Heavy Rain
Civil Defense reported heavy rain in Luquillo.									
Mayaguez Anasco Mayaguez	18	1420AST 1700AST			0	0			Heavy Rain
Civil defense reported small stream and road flooding affecting Highway 2 in Mayaguez and a mudslide on road 348.									
Guanajibo Hormigueros	18	1420AST 1700AST			0	0			Urban/Sml Stream Fld
Local police reported street flooding in Hormigueros.									
Caguas Las Piedras Gurabo	18	1425AST 1700AST			0	0			Heavy Rain
Civil Defense reported a mudslide on Road 181 in Gurabo.									
Humacao Humacao	18	1425AST 1700AST			0	0			Heavy Rain
Civil Defense reported a downed tree in Humacao.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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PUERTO RICO

Camuy Lares	24	1535AST 1700AST			0 0		Thunderstorm Wind (G45)
Strong...gusty winds downed power lines and trees in Lares. Road 431 was reported impassable.							
Bayamon San Juan	27	1500AST 1900AST			0 0		Flash Flood
Civil Defense from San Juan municipality reported flooding at Puerto Nuevo, Reparto Metropolitano, Guaynabo, and in front of the Oso Blanco State Penitentiary. Cars were reported underwater at the Martinez Nadal Avenue due to a small stream that went out of its banks.							

RHODE ISLAND

NONE REPORTED.

SOUTH CAROLINA, Central

Richland County 1 NNE Blythewood	04	1650EST			0 0		Hail (0.75)
Dime size hail reported near Blythewood.							
Richland County 2 NNW Columbia	04	1720EST			0 0		Thunderstorm Wind (G50)
Large signs blown down along I-26 north of Columbia.							
Richland County Columbia	04	1724EST			0 0		Thunderstorm Wind (G50)
Trees down in Columbia.							
Kershaw County Boykin	04	1821EST			0 0		Thunderstorm Wind (G50)
Trees down on Highway 261 near Boykin.							
Lee County 12 WSW Bishopville	04	1840EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm blew down a few trees in rural western Lee County.							
Aiken County Graniteville	07	1420EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm knocked down trees near Graniteville.							
Mccormick County Modoc	07	1615EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm caused roof damage in Modoc.							
Mccormick County Modoc	07	1615EST			0 0		Hail (1.00)
A severe thunderstorm produced quarter-sized hail near Modoc.							
Mccormick County 6 N Mc Cormick	07	1739EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm downed trees on power lines north of McCormick.							
Edgefield County 5 W Edgefield	07	1739EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm blew trees down on power lines west of Edgefield.							
Orangeburg County Holly Hill	07	1740EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm blew down power lines near Holly Hill.							
Aiken County 5 W Salley	07	1745EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm partially destroyed the roof of a barn.							
Richland County 10 ENE Columbia	07	1931EST			0 0		Thunderstorm Wind (G50)
A severe thunderstorm blew down trees near Sesquicentennial State Park.							
Richland County Blythewood	07	2030EST			0 0		Hail (0.75)
A severe thunderstorm produced large hail near Blythewood.							
Fairfield County Ridgeway	07	2045EST			0 0		Hail (0.75)
A severe thunderstorm produced dime-sized hail in Ridgeway.							
Aiken County Beech Island	08	1615EST			0 0		Thunderstorm Wind (G50)
Two trees reported down near Beech Island.							
Richland County 8 N Columbia	08	1715EST			0 0		Thunderstorm Wind (G50)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>SOUTH CAROLINA, Central</u>							
			Trees reported down at Kennerly and Broad River Rd.				
Lexington County Lexington	10	1930EST			0 0	300K	Lightning
			Lightning caused a fire that destroyed much of a Presbyterian church in Lexington. Damage was estimated to be \$300,000.				
Aiken County Montmorenci	12	1650EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm downed power lines in the Montmorenci area.				
Aiken County Belvedere	12	2200EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm blew down power lines in the Belvedere area.				
Aiken County Aiken	12	2208EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm blew down numerous power lines in Aiken.				
Sumter County Mayesville	13	1340EST			0 0		Hail (0.75)
			A severe thunderstorm produced dime size hail in Mayesville.				
Mccormick County 2 S Mc Cormick	13	1537EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm blew over some trailers in the southern part of McCormick.				
Aiken County Aiken	14	1415EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm blew down trees near Highways 1 and 391 in Aiken County.				
Bamberg County Bamberg	14	1435EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm downed trees on Highway 362 near Bamberg.				
Richland County Columbia	15	1645EST			0 0		Hail (1.75)
			Golfball sized hail reports at Capital City Stadium in Columbia.				
Sumter County Shaw Afb	20	1545EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm took down trees and powerlines in and around Shaw AFB. One tree fell on three cars.				
Orangeburg County 2 NNW Springfield to 1 NNW Springfield	20	1711EST			0 0		Hail (0.75)
			Dime size hail reported on highway 3 about 2 miles NNW of Springfield in southwest Orangeburg county.				
Lee County 2 SE Bishopville	20	1729EST			0 0		Hail (0.75)
			A severe storm produced three quarter inch hail at the intersections of I20 and highway 341...2SE of Bishopville. Reported by police dept.				
Kershaw County 2 N Bethune	20	1747EST			1 0	18K	Thunderstorm Wind (G50)
			TREES AND POWERLINES WERE TAKEN DOWN BY A STORM JUST NORTH OF BETHUNE ON HIGHWAY 341. THREE PEOPLE WERE KILLED IN A TRAFFIC RELATED ACCIDENT AT THE SAME TIME WHEN THEY LOST CONTROL OF THEIR VEHICLE IN AN INTENSE DOWNBURST OF RAIN ALSO ON HIGHWAY 341. ??VE				
Aiken County 2 NW Wagener	20	1758EST			0 0		Thunderstorm Wind (G50)
			A severe storm took down a large Pecan tree in New Holland on highway 34 and also large Sicamore tree branches along highway 73 northwest of Wagener in northeast Aiken county.				
SCZ021	Fairfield	22	1200EST 2200EST		1 0		Excessive Heat
			A 31 year old man died of heat stroke. M31SC				
Orangeburg County 7 W Orangeburg	24	1758EST			0 0		Thunderstorm Wind (G50)
			A severe storm caused significant wind damage to a mobile home on highway 4 about 7 miles west of Orangeburg.				
Orangeburg County 2 N Orangeburg	25	1200EST			0 0		Thunderstorm Wind (G50)
			A severe thunderstorm picked up a 12 X 12 ft outbuilding and dropped it 20 ft wasy severely damaging it. Across the street, a canopy was ripped off a house and thrown across the road.				
Clarendon County 3 SW Summerton	25	1237EST			0 0		Hail (0.88)
			A severe thunderstorm moved across southwest Clarendon county and produced nickle size hail and damaging winds. Building structures were damaged at Jacks Creek Marina and many windows were broken.				
Clarendon County Alcolu	25	1310EST			0 0		Hail (1.00)
			A severe storm prduced quarter size hail and strong winds in central Clarendon county. Winds were estimated to be 50 mph.				

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm
SOUTH CAROLINA, North Coastal										
Dillon County 2 W Oak Grove to Oak Grove	04	1830EST			0	0				Hail (0.75)
	Along with hail, about an inch of rain was measured in a brief period.									
Dillon County Fork to Dillon	04	1845EST 1915EST			0	0				Hail (1.50)
	Dillon Police reported extensive standing water, downed trees and golfball size hail.									
Florence County Florence	04	1950EST			0	0				Thunderstorm Wind (G55)
	Large tree downed, reported by Florence Police. Heavy showers, up to 4 inches, soaked into dry earth after recent weeks of little rain.									
Horry County Surfside Beach	09	1528EST 1530EST			0	0				Waterspout
	Reported By Surfside Beach Police. Waterspout moved onto beach and did minor damage to cars in parking lot and a couple of houses.									
Horry County Myrtle Beach	09	1540EST 1640EST			0	0				Lightning
	Lightning-caused power outages effected 4200 Santee Cooper Electric customers for up to an hour.									
Horry County Surfside Beach	12	1840EST			0	0				Thunderstorm Wind (G53)
	Tree limbs downed by thunderstorm wind.									
Florence County Lake City	13	1500EST			0	0				Hail (0.75)
	Reported by Fire Department									
Florence County Lake City	13	1510EST			0	0				Hail (1.00)
	Reported by Fire Department.									
Horry County Conway	13	1510EST			0	0				Hail (0.75)
Williamsburg County 2 S Cades to Hemingway	13	1545EST 1615EST			0	0				Hail (1.25)
Florence County 8 W Lake City	14	1530EST			0	0				Hail (1.75)
	Reported by Florence County 911 Center.									
Williamsburg County Cades	15	1805EST			0	0				Lightning
	Cow struck and killed by lightning.									
Marion County Mullins	15	1830EST			0	0				Thunderstorm Wind (G60)
	Trees downed.									
Florence County Florence	15	1855EST 1910EST			0	0				Thunderstorm Wind (G65)
	Reported by Ham Radio Spotters. Scattered reports of trees down around city, power outages due to lightning and wind.									
SCZ046	Georgetown	18 1000EST 19 1000EST			0	0				Tropical Storm
	The center of Tropical Storm Arthur passed about 75 miles east of Cape Romain the morning of June 19, causing minimal surf and no surge. Rainfall in Georgetown accumulated around 5 inches as the storm approached and passed, but as it fell gradually, there was no flooding reported.									
SCZ034	Horry	18 1000EST 19 1000EST			0	0				Tropical Storm
	Wind and surf was minimal, and rainfall accumulations ranged up to 2 inches in Horry County									
Marion County Mullins	19	1750EST 1800EST			0	0				Thunderstorm Wind (G60)
	Power lines downed.									
Florence County 2 W Florence to 1 W Florence	25	1430EST 1435EST			0	0				Thunderstorm Wind (G55)
	Trees downed by thunderstorm winds just west of Florence.									

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>SOUTH CAROLINA, Northwest</u>									
Cherokee County 5 NW Thicketty to 6 N Thicketty	04	1323EST 1345EST			0	0			Hail (0.75)
Anderson County Pendleton	04	1400EST 1420EST			0	0			Hail (1.00)
Pickens County 3 SW Easley	04	1410EST 1430EST			0	0			Thunderstorm Wind (G50)
Greenville County Greenville	04	1425EST 1445EST			0	0			Thunderstorm Wind (G50)
Greenville County Marietta	04	1425EST 1450EST			0	0	5K		Thunderstorm Wind (G50)
Spartanburg County 3 N Grnvl Sprtnsbrg Arpt	04	1430EST 1450EST			0	0			Thunderstorm Wind (G50)
A small area of thunderstorms became severe blowing down trees and power lines in several locations listed above. A tree was blown onto a car moving along a highway near Marietta. Large hail also fell in some areas.									
Anderson County Anderson	07	1430EST 1450EST			0	0			Thunderstorm Wind (G50)
Greenwood County Ware Shoals	07	1500EST 1520EST			0	0			Hail (0.75)
Spartanburg County Reidville	07	1545EST 1610EST			0	0	30K		Thunderstorm Wind (G65)
Spartanburg County Reidville	07	1545EST 1605EST			0	0			Hail (1.00)
Greenwood County 1 W Greenwood	07	1805EST 1830EST			0	0			Hail (1.75)
York County Sharon	07	1810EST 1830EST			0	0			Thunderstorm Wind (G50)
York County 6 N Rock Hill	07	1837EST 1900EST			0	0			Thunderstorm Wind (G50)
Several severe storms developed and caused some large hail and blew down trees and power lines at locations listed above. The most intense severe storm developed quickly at Reidville. Siding and shingles were blown off houses in addition to trees and power lines. Trees were downed across York county; from Bullocks Creek to across the lake at Tega Cay.									
Union County Union	08	1430EST 1450EST			0	0			Thunderstorm Wind (G50)
Union County 6 N Union	08	1459EST 1520EST			0	0	20K		Thunderstorm Wind (G50)
Union County Jonesville	08	1500EST 1520EST			0	0			Thunderstorm Wind (G50)
York County Rock Hill	08	1820EST 1840EST			0	0			Thunderstorm Wind (G50)
Several trees were blown down at Union, north of town a farm shed was destroyed and the roof of a fire station was damaged by the wind. Trees were downed in Rock Hill.									
Anderson County Anderson	12	1215EST 1245EST			0	0			Hail (1.75)
Cherokee County 2 N Gaffney	12	1307EST 1325EST			0	0			Thunderstorm Wind (G50)
Isolated severe storms caused large hail at the intersection of Highways 24 and 81 in Anderson and blew down trees and power lines north of Gaffney.									
Cherokee County Gaffney to 2 W Thicketty	14	2130EST 2200EST			0	0			Lightning

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm
SOUTH CAROLINA, Northwest										
Spartanburg County										
Cowpens to Duncan	14	2200EST 2210EST			0	0				Lightning
Pickens County										
Pickens	14	2203EST 2225EST			0	0				Thunderstorm Wind (G50)
Greenville County										
Greer	14	2210EST 2220EST			0	0				Lightning
Pickens County										
Clemson	14	2230EST 2250EST			0	0	10K			Thunderstorm Wind (G50)
Cherokee County										
Gaffney	15	0025EST 0050EST			0	0				Hail (0.75)
An isolated severe thunderstorm moved from Pickens to Clemson causing wind damage. Trees and power lines were downed at Pickens and at Clemson, damage occurred to construction at the football stadium Large tents were also blown down. A later storm caused large hail at Gaffney. An intense lightning storm moved from Gaffney to the east side of Greenville causing numerous power outages and much damage.										
Oconee County										
Long Creek	15	1640EST 1700EST			0	0				Hail (1.00)
Pickens County										
Nine Times to Sunset	15	1745EST 1805EST			0	0				Thunderstorm Wind (G50)
Oconee County										
2 SE Salem	15	1755EST 1815EST			0	0				Hail (0.75)
York County										
6 E Clover	15	2110EST 2130EST			0	0				Hail (0.75)
Early evening severe storms moved southwest and caused large hail and blew down trees in several areas near the mountains. The most concentrated damage was in the Nine Times area. Late night severe storms barely crossed into South Carolina from Gaston county North Carolina. Light structural damage occurred to some houses. Trees and power lines were blown down by the wind.										
York County										
6 E Clover	15	2110EST 2130EST			0	0				Thunderstorm Wind (G52)
Greenville County										
Taylors	19	1600EST 1620EST			0	0				Thunderstorm Wind (G50)
Union County										
Jonesville	19	1630EST 1650EST			0	0				Thunderstorm Wind (G50)
Greenville County										
Tigerville	19	1645EST 1705EST			0	0				Thunderstorm Wind (G50)
Pickens County										
Pickens	19	1850EST 1910EST			0	0				Thunderstorm Wind (G50)
Anderson County										
Powdersville	19	2000EST 2020EST			0	0				Thunderstorm Wind (G50)
Slow moving severe thunderstorms developed east and north of Greenville causing power outages and blowing trees and power lines down. Similar damage was reported at Powdersville and at Pickens where large trees were downed. Frequent intense lightning also occurred.										
Laurens County										
Laurens	19	2200EST 2359EST			0	0				Lightning
Anderson County										
3 NW Saylor's Xrds	19	2230EST 2250EST			0	0	150K			Lightning
An intense lightning storm caused nearly continuous lightning across Laurens county. Power was out most of the night over much of the area. In Anderson county a church burned as a result of a lightning fire.										
SCZ007	Spartanburg									
	23	1400EST 1700EST			1	0				Excessive Heat
A man died of heatstroke while relaxing beside his pool. M39OU										

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
Killed	Injured									

SOUTH CAROLINA, Northwest

Anderson County Starr	24	1558EST 1620EST			0	0				Hail (1.50)
Laurens County Princeton	24	1630EST 1645EST			0	0	30K			Thunderstorm Wind (G50)
Greenwood County Greenwood	24	1708EST 1730EST			0	0				Hail (0.75)
Greenwood County Greenwood	24	1708EST 1730EST			0	0	2K			Thunderstorm Wind (G50)
Abbeville County Antreville	24	1745EST 1810EST			0	0	250K			Lightning

A small complex of severe thunderstorms developed along the Georgia/South Carolina border and moved east. Large hail fell in southern Anderson county and winds from the storms blew down a house under construction west of Laurens. Trees and power lines were downed in Greenwood and lawn furniture at a discount store was tossed around by the wind and damaged. Large hail shredded awnings in town.

Lightning started a fire at a chicken house in Antreville. One chicken survived; 59,999 chickens died.

SOUTH CAROLINA, South Coastal

SCZ040-042>045-047>050 Allendale - Hampton - Northern Colleton - Dorchester - Berkeley - Jasper - Beaufort - Southern Colleton - Charleston

	01 30	0000EST 2359EST			0	0				Excessive Heat
Below normal rainfall continued through June along with hot and humid temperatures. The hot and dry conditions were significantly impacting agricultural operations throughout the south coastal counties of South Carolina.										
Beaufort County Sheldon to 1 ESE Sheldon	13	1320EST 1325EST			0	0				Hail (0.75)
Dime sized hail.										
Beaufort County Bluffton	13	1415EST 1420EST			0	0				Hail (0.75)
Beaufort County 10 WNW Beaufort to 8 WNW Beaufort	13	1455EST 1505EST			0	0				Hail (0.75)
Colleton County Ruffin to 2 WSW Ruffin	15	1750EST 1757EST			0	0				Thunderstorm Wind (G56)
Several trees and numerous large limbs were knocked down by strong thunderstorm winds.										
Colleton County 2 W Islandton to 3 W Islandton	15	1812EST 1820EST			0	0				Thunderstorm Wind (G60)
Numerous trees down, roof damaged on a mobile home, and damage to two other homes.										
Colleton County 2 W Islandton	15	1812EST 1815EST			0	0				Hail (1.75)
Dorchester County Summerville	16	1245EST			0	1				Lightning
While working on his boat at his home, a man was struck by lightning.										
Dorchester County 1 NNW Dorchester	20	1505EST			0	0				Lightning
Lightning struck the county's main Public Works building, disrupting the county government's phone system.										

SOUTH DAKOTA, Central and North

Mepherston County 1 N Leola	01	1530CST			0	0				Hail (1.00)
Brown County Columbia	01	1605CST			0	0				Hail (0.75)
Spink County Conde	05	1405CST			0	0				Hail (1.75)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm	
<u>SOUTH DAKOTA, Central and North</u>										
Clark County										
Clark	05	1500CST			0	0			Hail (0.75)	
Clark County										
5 E Bradley	05	1505CST			0	0			Hail (1.75)	
Codington County										
18 NW Watertown	05	1514CST			0	0			Hail (1.75)	
Codington County										
4 NW Watertown	05	1526CST			0	0			Hail (1.75)	
			Golfball sized hail fell 4 miles northwest of Watertown near Lake Kampeska. A windshield was broken out of a car.							
Codington County										
Watertown	05	1540CST			0	0			Hail (2.50)	
			Golfball and some tennis ball sized hail broke some windows out of houses in Watertown, broke windshields and dented many vehicles, broke off some trailer roof vents, and damaged some roofs.							
Codington County										
9 N Henry	05	1540CST			0	0			Hail (1.75)	
			Golfball sized hail 9 miles north of Henry dented a pickup truck.							
Codington County										
(Aty)Watertown Arpt	05	1542CST			0	0			Hail (1.75)	
			Golfball sized hail fell at the Watertown Airport and covered the ground almost entirely.							
Clark County										
3 SW Willow Lake	05	1545CST			0	0			Hail (1.75)	
Deuel County										
2 N Clear Lake	05	1618CST			0	0			Hail (1.75)	
			Golfball sized hail north of Clear Lake damaged some buildings, vehicles, and crops.							
Corson County										
Mc Laughlin	14	2246CST			0	0			Thunderstorm Wind (G50)	
Walworth County										
Mobridge	14	2330CST			0	0			Thunderstorm Wind (G52)	
Spink County										
Spink Colony	19	1120CST			0	0			Hail (1.75)	
Dewey County										
Isabel	21	0255CST			0	0			Hail (0.75)	
Dewey County										
2 SE Isabel to 6 SE Firesteel	21	0300CST 0320CST			0	0			Hail (1.75)	
			Dime to golfball sized hail left a two mile wide path of destruction as a severe thunderstorm moved from Isabel to south of Firesteel. Several farms lost hundreds of acres of wheat, barley, corn, and hay. The large hail also broke many windows out of farm houses and buildings and broke some car windshields.							
Corson County										
Morristown	28	2126CST			0	0			Hail (0.75)	
Dewey County										
2 E Timber Lake	28	2335CST			0	0			Hail (0.75)	
SDZ016	Potter									
	30	2301CST 2355CST			0	0			High Wind (G61)	
			A strong mesohigh produced from a thunderstorm complex in central South Dakota north of Pierre produced high winds of 40 to 60 mph with gusts to 70 mph in Gettysburg for nearly an hour. The high winds downed a cottonwood tree two miles west of Gettysburg. A van collided with the fallen tree resulting in total damage to the vehicle, but the occupant was not injured. Several large trees were downed in Gettysburg along with many large tree branches.							
<u>SOUTH DAKOTA, Southeast</u>										
Aurora County										
14 N Plankinton	05	1530CST			0	0			Hail (1.00)	
			Hail covered the ground.							
Kingsbury County										
De Smet	05	1602CST			0	0			Hail (0.88)	
Davison County										
Mitchell	05	1615CST			0	0			Hail (0.75)	
Mccook County										
Bridgewater	05	1625CST			0	0			Hail (0.50)	
			Hail covered the ground.							
Mccook County										
9 N Bridgewater to 2 N Canistota	05	1625CST 1635CST			0	0			Hail (1.75)	
			Hail caused crop damage, but the extent of the crop damage was undetermined.							
Minnehaha County										
4 W (Fsd)Joe Foss Fld Si	05	1715CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
SOUTH DAKOTA, Southeast									
Hail covered the ground.									
Minnehaha County									
6 SW (Fsd)Joe Foss Fld Si to 7 SW (Fsd)Joe Foss Fld Si	05	1720CST 1722CST			0	0			Hail (1.00)
Minnehaha County									
6 SW (Fsd)Joe Foss Fld Si	05	1725CST			0	0			Thunderstorm Wind (G52)
Lincoln County									
7 S Sioux Falls	05	1730CST			0	0			Hail (0.75)
Lincoln County									
7 SE Canton	05	1745CST			0	0			Thunderstorm Wind (G60)
Thunderstorm winds destroyed a garage.									
Turner County									
10 W Hurley	05	1817CST			0	0			Hail (1.00)
Beadle County									
13 SE Huron	19	1230CST			0	0			Hail (1.00)
Kingsbury County									
Esmond	19	1243CST 1255CST			0	0			Hail (0.75)
Kingsbury County									
De Smet	19	1300CST			0	0			Hail (0.75)
Brookings County									
5 NE Sinai	19	1335CST 1350CST			0	0		20K	Hail (0.75)
Hail damaged bean and corn crops.									
Charles Mix County									
Pickstown	19	1358CST			0	0			Hail (1.75)
Charles Mix County									
Wagner	19	1415CST			0	0			Hail (0.75)
Charles Mix County									
Pickstown	19	1420CST 1430CST			0	0			Hail (2.00)
Moody County									
Flandreau to 8 E Egan	19	1440CST 1510CST			0	0	200K	1M	Hail (2.00)
Hail destroyed corn, bean, strawberry, and other crops over a wide area. The hail also broke windows and otherwise damaged cars and buildings. The damage was especially severe due to the long duration of the hail.									
Charles Mix County									
5 N Wagner	19	1445CST			0	0			Hail (2.75)
Hutchinson County									
Tripp	19	1500CST 1510CST			0	0			Hail (0.75)
Minnehaha County									
(Fsd)Joe Foss Fld Si	19	1647CST			0	0	20K		Hail (1.00)
Hail caused scattered damage to vehicles and houses.									
Minnehaha County									
Sioux Falls	19	1650CST			0	0	20K		Thunderstorm Wind (G55)
Thunderstorm winds damaged trees, power lines, and a church addition under construction.									
Minnehaha County									
Brandon	19	1653CST			0	0			Hail (0.75)
Lincoln County									
Fairview	19	1850CST			0	0			Hail (0.75)
Yankton County									
1 W Mission Hill	20	1328CST			0	0			Hail (0.75)
Union County									
5 N Elk Pt	20	1400CST			0	0			Hail (1.00)
Brule County									
8 SE Kimball	20	1620CST			0	0			Hail (1.00)
Aurora County									
Stickney	20	1703CST			0	0			Hail (1.75)
Davison County									
5 S Mt Vernon	20	1705CST			0	0			Hail (2.00)
Hail covered the ground.									

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH DAKOTA, Southeast</u>									
McCook County Salem	20	1712CST			0	0			Hail (1.75)
Davison County Mitchell	20	1738CST			0	0			Hail (1.00)
Hanson County Riverside	20	1740CST			0	0			Hail (1.00)
Davison County 10 N Mitchell	20	1803CST			0	0			Hail (1.75)
Sanborn County 4 SE Letcher	20	1815CST			0	0			Hail (0.88)
<u>SOUTH DAKOTA, West</u>									
Perkins County Meadow	04	1640MST 1650MST			0	0	10K	10K	Hail (1.00)
Large hail destroyed crops, injured cattle and broke windows in and around Meadow. Hail accumulated up to 10 inches and forced the temporary closure of highway 73 near Meadow.									
Meade County 10 SW Maurine	04	1653MST 1655MST			0	0	2K		Hail (1.50)
Damage reported to windows, several cars and some crop damage to unknown extent across northern Meade County.									
Ziebach County Dupree	04	1850MST 1853MST			0	0	10K	20K	Hail (1.75)
Large hail combined with gusty winds caused damage in the Dupree area of Ziebach County. Windows were broken, crops heavily damaged, and several cars were damaged.									
Pennington County 5 S Rapid City	05	1451MST 1453MST			0	0			Hail (1.50)
Pennington County 6 S Rapid City	11	1524MST			0	0			Hail (0.75)
Pennington County Rapid City	11	1600MST 1617MST			0	0			Hail (0.75)
Pennington County 7 SW Rapid City	11	1609MST 1610MST			0	0			Hail (1.25)
Pennington County 8 S Rapid City	11	1630MST 1633MST			0	0			Hail (1.75)
Custer County 3 S Hermosa	11	1710MST 1715MST			0	0			Hail (1.75)
Pennington County Keystone	11	1725MST 1727MST			0	0			Hail (1.50)
Pennington County 7 S Rapid City	11	1730MST 1830MST			0	0			Heavy Rain
3 inches of rain fell in one hour South of Rapid City. Standing water on roads was reported.									
Pennington County 17 W Rapid City	13	1330MST 1335MST			0	0			Hail (1.75)
Just north of intersection of Hghways 385 and 44.									
Pennington County 12 W Rapid City	13	1335MST 1340MST			0	0			Hail (1.75)
Spotter report from Johnson Siding									
Pennington County Placerville	13	1335MST 1340MST			0	5	1K		Hail (1.75)
Several car windows broken at a campground near Placerville. Several hikers at Placerville received minor injuries from hail.									
Pennington County Hisega	13	1340MST			0	0			Hail (1.25)
Pennington County 18 W Rapid City	13	1340MST 1345MST			0	0	0.50K		Hail (1.75)
Golfball size hail was reported at Pactola Lake. Minor damage to cars occurred nearby.									

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>SOUTH DAKOTA, West</u>										
Pennington County 12 W Rapid City	13	1345MST 1350MST			0	0			Hail (2.00)	
2 inch hail at Johnson Siding.										
Pennington County Hisega	13	1354MST 1358MST			0	0	1K		Hail (2.00)	
Hail caused damage to trees and several cars.										
Pennington County 10 W Rapid City	13	1409MST			0	0			Hail (0.75)	
Highway 44 near Thunderhead Falls.										
Pennington County Rockerville	13	1445MST 1450MST			0	0			Hail (1.00)	
Pennington County 2 SW Rockerville	13	1445MST 1450MST			0	0	5K		Hail (2.50)	
Several cars damaged.										
Pennington County 2 N Keystone	13	1517MST 1520MST			0	0	2K		Hail (3.00)	
Several vehicles damaged in Keystone and at Mt. Rushmore.										
Pennington County Hayward	13	1537MST			0	0			Hail (1.50)	
Jackson County Interior	13	1640MST 1720MST			0	0	1.5K		Hail (2.50)	
Tennis ball size hail fell at Interior for 40 minutes causing damage to several vehicles and camping trailers.										
Pennington County 2 E Hill City	13	1700MST 1710MST			0	0			Hail (1.75)	
Pennington County Keystone	13	1702MST 1705MST			0	0			Hail (1.75)	
Meade County Tilford	14	1300MST 1303MST			0	0			Hail (1.75)	
1.75 inch hail fell between mile markers 37 and 40 along Interstate 90.										
Meade County 10 E Sturgis to 30 E Sturgis	14	1800MST 2300MST			0	0	250K	10K	Flash Flood	
Torrential downpours from a nearly stationary thunderstorm dumped more than 5 inches, and locally as much as 10 inches of rain between Sturgis and Hereford from 1600-1900 MST. Flooding mostly affected locations along Alkali Creek. Several spotter rain gauge reports were unavailable because the gages were washed away. The road from Sturgis to Hereford was washed out. Severe damage occurred to numerous fences, corrals, farm equipment, automobiles and homes. Several livestock were swept away, but most were later recovered. Hay fields received extensive damage. No injuries or fatalities are known to have occurred.										
Lawrence County Lead	14	1800MST 1815MST			0	0		0	Flash Flood	
Nearly 3 inches of rain fell in 15 minutes causing widespread street flooding.										
Lawrence County Deadwood	14	1800MST 2100MST			0	0			Flash Flood	
3.5 inches of rain caused flooding and closure of numerous roads including U.S. Highway 85.										
Harding County Ludlow	14	1810MST			0	0	0	0	Hail (0.75)	
Pennington County Rapid City	14	1857MST			0	0	0	0	Thunderstorm Wind (G50)	
58 mph microburst wind in west Rapid City.										
Pennington County Rapid City Arpt	14	1900MST 1915MST			0	0	0	0	Thunderstorm Wind (G50)	
Squall persisting over 10 minutes with gusts to 58 mph.										
Pennington County Rapid City	17	2000MST			0	0			Thunderstorm Wind (G53)	
Lawrence County 5 W Spearfish	18	2349MST 2355MST			0	0			Hail (1.00)	

Storm Data and Unusual Weather Phenomena

[illegible]

TENNESSEE, Central

Putnam County					
Silver Pt	07	1145CST	0	0	Thunderstorm Wind (G50)

Silver Pt	07	1145CST	0	0	Thunderstorm Wind (G50)
High winds downed trees and power lines at Silver point in western Putnam county.					

Rutherford County						
Countywide	09	0200CST	0	0	13K	Thunderstorm Wind (G50)

Countywide	09	0200CST 0220CST	0	0	13K	Thunderstorm Wind (G50)
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Sheriff's office reported trees were blown down county wide. Power lines were down near Murfreesboro. 5 cars were damaged from donwed trees.

Wilson County							
Countywide	09	0235CST	0	0	600K	Thunderstorm Wind	

Countywide	09	0235CST 0255CST	0	0	600K	Thunderstorm Wind
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Strong damaging winds occurred from a bow echo that moved across Wilson county. The greatest damage sustained was southeast of Lebanon. There were indications of an F1 tornado associated with this bow echo as well, again also southeast of Lebanon. About 20 homes received damage just southeast of Lebanon. Emergency management officials reported numerous trees and power lines down around the county. Interstate 40 was temporarily closed near the 242 mile marker due to numerous trees on the road. There were 30 homes that were damaged from this storm county wide, 25 barns, and 12 mobile homes. 4 horses and 8 heads of cattle had to be destroyed due to the serious nature of their injuries. One of these horses died as a result of the tornado.

Wilson County								
2 SE Lebanon to 3.7 SE Lebanon	09	0235CST 0239CST	2.4	450	0	0	150K	Tornado (F1)

2 SE Lebanon to 3.7 SE Lebanon	09	0235CST 0239CST	2.4	450	0	0	150K	Tornado (F1)
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One horse had to be destroyed. The horse tried to jump a fence during the storm but got impaled on the fence post. A few homes and barns received some damage. One tree that was uprooted during the storm had a base of about 30 feet in diameter.

Benton County							
Northern Sections	09	2115CST	0	0	0	0	Flash Flood

Northern Sections	09	2115CST 2315CST	0	0	0	0	Flash Flood
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Water on Lower Big Sandy Rd. from Highway 641 to Big Sandy.

Stewart County						
Dover	11	2210CST	0	0	1K	Thunderstorm Wind

Dover	11	2210CST	0	0	1K	Thunderstorm Wind
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Numerous trees and power lines down within the city limits of Dover.

Houston County					
Erin	11	2305CST	0	0	Thunderstorm Wind (G50)

Erin	11	2305CST	0	0	Thunderstorm Wind (G50)
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Houston county sheriff's office reported numerous trees down in the city of Erin.

Cannon County						
Woodbury	12	1605CST	0	0	10K	Flash Flood

Woodbury	12	1605CST 1905CST	0	0	10K	Flash Flood
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Cannon county sheriff's office reported several homes flooded.

Numerous roads were under water. One house had water knee deep in the basement. Doppler radar estimated about 3 inches of rain in about an hour and 15 minutes over parts of Cannon county.

Cannon County								
Readyville	12	1605CST	0	0	5K	10K	Flash Flood	

Readyville	12	1605CST 1905CST	0	0	5K	10K	Flash Flood
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A Readyville area resident said she saw flood waters the highest she has ever seen in her 20 years at 5176 Murfreesboro Rd. The water got into her garage and into a car, but the water did not get inside her house. Several acres of cropland was damaged in the Readyville area.

Coffee County					
Southwest Sections	12	1620CST	0	0	Thunderstorm Wind

Southwest Sections	12	1620CST	0	0	Thunderstorm Wind
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Coffee county sheriff's office reported trees down in the vicinity of Old Stone Fort State Park.

Franklin County					
Sewanee	14	1410CST	0	0	Hail (0.75)

Sewanee	14	1410CST	0	0	Hail (0.75)
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Dime size hail reported by local law enforcement officials.

Marion County					
Western Sections	14	1410CST	0	0	Hail (0.75)

Western Sections	14	1410CST	0	0	Hail (0.75)
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Dime size hail reported by local law enforcement at Monteagle, in western Marion county.

Montgomery County					
Clarksville	15	1725CST	0	0	Thunderstorm Wind (G50)

Clarksville	15	1725CST	0	0	Thunderstorm Wind (G50)
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Sheriff's office reported trees blown down and numerous power outages.

Bedford County						
Northwest Sections	16	0100CST	0	0	10K	Thunderstorm Wind (G50)

Northwest Sections	16	0100CST 0110CST	0	0	10K	Thunderstorm Wind (G50)
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An unoccupied rental trailer was overturned and demolished by straight line winds from a thunderstorm at Rover on Kingdom Rd. A barn was also blown down at Rover. Many trees were snapped and uprooted at the Rover and Longview areas.

Davidson County					
Nashville	23	1910CST	0	0	Flash Flood

Nashville	23	1910CST 2203CST	0	0	Flash Flood
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Local law enforcement reported many streets flooded around Nashville.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
TENNESSEE, Central									
Sumner County Hendersonville	23	1910CST 2203CST			0	0			Flash Flood
Local law enforcement reported many streets flooded in Hendersonville.									
Montgomery County Dotsonville	23	1958CST			0	0	0.50K		Thunderstorm Wind
A porch roof was blown off by strong thunderstorm winds 250 yards into a tobacco field. Also in the Dotsonville area, about 2/3 of a roof was torn off a 75-by-60 foot stable.									
Montgomery County Clarksville	23	2005CST 2020CST			0	0			Thunderstorm Wind (G50)
Fallen trees and tree limbs knocked out power in the Clarksville area according to the Clarksville Department of Electricity and the Cumberland Electric Membership Corp.									
TENNESSEE, East									
Rhea County Dayton	03	1735EST 1750EST			0	0	3K		Thunderstorm Wind
A few trees were blown down and three-quarter inch hail was reported near Dayton.									
Roane County Rockwood	03	1740EST			0	0			Lightning
A lightning strike caused a house fire.									
Hamilton County Chattanooga	03	1755EST			0	0	2K		Thunderstorm Wind
A tree blew down onto powerlines.									
Cumberland County Crossville	03	2220EST			0	0			Hail (0.75)
Campbell County Ne Part	07	1540EST			0	0	4K		Thunderstorm Wind
Several trees were downed in the northeast part of the county.									
Greene County Ottway	07	1600EST			0	0	50K		Thunderstorm Wind
Straight line thunderstorm winds blew the roof and porch off a mobile home. A large hay barn and fence were destroyed. A tree and electrical pole were knocked down.									
Greene County South Part	07	1846EST			0	0	2K		Thunderstorm Wind
A tree blew down across a road in the southern part of the county.									
Hamblen County Morristown	09	1700EST			0	0	2K		Thunderstorm Wind
Several large tree limbs were blown down.									
Morgan County Wartburg	09	1735EST			0	0	2K		Thunderstorm Wind
A tree blew down across Rome Road.									
Anderson County Oak Ridge	13	1300EST 1335EST			0	0	2K		Flash Flood
Nearly two inches of rainfall within thirty-five minutes causing roads to close due to flooding.									
Anderson County Oak Ridge	13	1315EST			0	0	2K		Thunderstorm Wind
Trees fell onto powerlines.									
Jefferson County Jefferson City	13	1450EST			0	0	4K		Thunderstorm Wind
Several trees were downed countywide. Powerlines were downed in Jefferson City.									
Hamblen County Morristown	13	1520EST			0	0	2K		Thunderstorm Wind
A tree blew down across a road. Numerous large tree limbs were blown down.									
Greene County Mosheim	13	1545EST			0	0	4K		Thunderstorm Wind
Numerous trees were downed.									
Jefferson County Dandridge	24	1000EST			0	0	10K		Lightning
A lightning strike caused a house fire.									
Hawkins County South Part	24	1030EST 1100EST			0	0	25K		Thunderstorm Wind
Straight line thunderstorm winds damaged a stretch of boat docks and a boat. Several trees were blown down.									
Greene County East Part	24	1120EST			0	0	4K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm	June 1996
<u>TENNESSEE, East</u>										
		Several trees were downed near Limestone Creek Bridge and Highway 107.								
Sullivan County Indian Spgs	24	1210EST 1310EST			0	0	4K		Thunderstorm Wind	
		Several trees were knocked down.								
Unicoi County 3 N Erwin	24	1210EST 1310EST			0	0	4K		Thunderstorm Wind	
		Several trees were knocked down.								
Carter County Countywide	24	1210EST 1310EST			0	0	4K		Thunderstorm Wind	
		Several trees were knocked down.								
Knox County Halls Xrds	24	1330EST			0	0			Hail (0.75)	
Hamblen County Morristown	24	2115EST			0	0	4K		Thunderstorm Wind	
		Trees blew down across Fernwood Road. Powerlines were downed on Jaybird Road.								
Jefferson County Jefferson City	24	2130EST			0	0	2K		Thunderstorm Wind	
		A tree blew down across Hodge Road.								
<u>TENNESSEE, West</u>										
Crockett County Quincy	03	1625CST 1630CST			0	0	0.50K		Hail (1.75)	
Henry County Puryear	03	1640CST 1645CST			0	0	0.01K		Hail (0.75)	
Madison County Adair	03	1650CST 1655CST			0	0	0.50K		Hail (1.75)	
Henry County Paris	03	1710CST 1715CST			0	0	0.01K		Hail (0.75)	
Madison County Bemis	03	1714CST 1719CST			0	0	0.10K		Hail (1.00)	
Madison County Jackson	03	1717CST 1722CST			0	0	2K		Thunderstorm Wind	
		A few trees were blown down.								
Madison County Mc Kellar Fld	03	1735CST 1740CST			0	0	0.01K		Hail (0.75)	
Madison County Jackson	03	1745CST 1750CST			0	0	0.50K		Hail (1.75)	
Hardeman County Grand Jct to Hickory Vly	03	1800CST 1805CST			0	0	1K		Hail (1.75)	
Hardeman County Bolivar	03	1805CST 1810CST			0	0	0.01K		Hail (0.75)	
Fayette County Oakland	03	1810CST 1815CST			0	0	0.01K		Hail (0.75)	
Madison County Bemis	03	1825CST 1830CST			0	0	0.01K		Hail (0.75)	
Mcnaury County Rose Creek	03	1827CST 1832CST			0	0	0.01K		Hail (0.75)	
Haywood County Belle Eagle	05	1325CST 1330CST			0	0	0.10K		Hail (1.00)	
Shelby County Memphis	08	1545CST 1550CST			0	0	0.05K		Hail (0.88)	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, West									
Carroll County 3 N Huntingdon	08	1930CST 2015CST			0	0	10K		Flash Flood
	Two bridges were washed out along Highway 77.								
Fayette County Oakland	09	0030CST 0500CST			0	0	10K		Flash Flood
	Several trailer homes along Highway 194 were flooded forcing numerous evacuations.								
Gibson County Milan	09	0555CST 0830CST			0	0	5K		Flash Flood
	A few homes were flooded and several roads were closed.								
Fayette County Oakland	09	0800CST 1000CST			0	0	2K		Flash Flood
	Cypress Creek went out of its banks flooding one trailer and isolating ten homes.								
Madison County Fairview	09	1000CST 1130CST			0	0	2K		Flash Flood
	A bridge was washed out.								
Henderson County Wildersville	12	1700CST 1705CST			0	0	2K		Thunderstorm Wind
	Several trees were knocked down.								
Gibson County 2 W Trenton	12	1843CST 1848CST			0	0	0.10K		Hail (1.00)
Dyer County Dyersburg	13	1450CST 1455CST			0	0	2K		Lightning
	A house was damaged by a fire started by lightning								
Dyer County Tennemo	13	1600CST 1605CST			0	0	0.02K	10K	Hail (0.88)
	About 200 acres of wheat crops were damaged by hail.								
Weakley County Dresden	18	0717CST 0722CST			0	0	50K		Lightning
	A home was destroyed by a fire started by lightning.								
Tipton County Burlison	19	1720CST 1725CST			0	0	0.10K		Hail (1.00)
Weakley County Palmersville	30	2200CST 2205CST			0	0	10K		Thunderstorm Wind
	A 50-foot maple tree fell and damaged the roof of a mobile home.								
TEXAS, Central									
Nolan County Sweetwater	02	1308CST			0	0			Hail (0.75)
Coke County 8 SW Robert Lee	02	1410CST			0	0			Thunderstorm Wind (G52)
Tom Green County Water Vly	02	1421CST			0	0			Thunderstorm Wind (G52)
Tom Green County Carlsbad	02	1435CST			0	0			Thunderstorm Wind (G52)
Tom Green County 5 ESE Carlsbad	02	1450CST			0	0			Hail (0.88)
Nolan County 6 S Maryneal	02	1503CST 1805CST			0	0			Flash Flood
	Heavy rains caused floodwaters to rise three feet over the Eagle Creek bridge on Farm to Market Road 1170, between Maryneal and Blackwell.								
Tom Green County Veribest	02	1505CST			0	0	100K	100K	Hail (0.88)
	Hail damaged 4000 acres of crops in Tom Green County.								
Mitchell County 1 S Loraine	02	1507CST			0	0	50K	0	Thunderstorm Wind
	Winds blew off part of a roof and moved a storage building.								

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
TEXAS, Central									
Tom Green County (Sjt)Mathis Fld San	02	1509CST			0	0			Thunderstorm Wind (G51)
Tom Green County San Angelo	02	1518CST 1605CST			0	0			Flash Flood
Heavy rains left over two feet of floodwaters on the city streets of San Angelo.									
Concho County 6 SW Eden	02	1518CST			0	0			Hail (0.88)
Concho County 10 S Paint Rock	02	1520CST			0	0			Thunderstorm Wind (G52)
Tom Green County 17 SE San Angelo	02	1538CST			0	0			Thunderstorm Wind (G52)
Tom Green County 4 W San Angelo	02	1555CST			0	0			Hail (0.88)
Kimble County Segovia	02	1746CST			0	0			Hail (0.75)
Crockett County 25 S Ozona	02	1820CST			0	0			Thunderstorm Wind (G52)
Jones County 5 NW Hawley	03	2115CST			0	0	200K	0	Thunderstorm Wind (G57)
Winds downed trees and power lines at scattered locations across Jones County.									
Coke County Robert Lee	03	2240CST			0	0			Thunderstorm Wind (G58)
Coke County Robert Lee	03	2256CST			0	0			Thunderstorm Wind (G62)
Runnels County Ballinger	03	2306CST			0	0	100K	0	Thunderstorm Wind (G62)
The winds blew down power lines.									
Runnels County Winters	03	2315CST			0	0	100K	0	Thunderstorm Wind
Strong winds blew down power lines.									
Tom Green County San Angelo	03	2324CST			0	0			Thunderstorm Wind (G52)
Tom Green County Harriet	03	2340CST			0	0			Hail (0.88)
Brown County Brownwood	04	0015CST 0030CST			0	0			Flash Flood
Brown County Brownwood	04	0028CST			0	0	50K	0	Thunderstorm Wind
Winds blew down large trees while heavy rains caused flooding in the city of Brownwood.									
Tom Green County San Angelo	04	0035CST 0114CST			0	0			Flash Flood
Heavy rains left over two and a half feet of floodwaters on the city streets of San Angelo.									
Jones County 5 E Anson	05	0050CST			0	0			Hail (0.75)
Callahan County Clyde	05	0124CST			0	0			Hail (0.88)
Taylor County Abilene	05	0134CST			0	0			Hail (1.25)
Jones County Hawley	06	2212CST			0	0			Hail (1.00)
Nolan County 5 S Roscoe	06	2225CST			0	0			Hail (2.00)
Taylor County Hamby	06	2235CST			0	0			Hail (0.75)
Callahan County Baird	06	2325CST			0	0			Hail (0.75)
Shackelford County Albany	06	2355CST			0	0			Hail (2.00)
Jones County Ft. Phantom Hill	06	2355CST			0	0			Hail (1.25)
Taylor County Hamby	07	0025CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

									June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Central									
Shackelford County 4 E Albany	07	0025CST			0	0			Thunderstorm Wind (G52)
Shackelford County 4 E Albany	07	0025CST			0	0			Hail (1.75)
Callahan County 6 N Clyde	07	0040CST			0	0			Hail (2.00)
Callahan County 5 NNW Clyde	07	0040CST			0	0			Thunderstorm Wind (G52)
Jones County 5 N Hawley	07	0043CST			0	0	100K	0	Hail (2.00)
An intense hailstorm caused power outages and left waves of hailstones on the ground.									
Jones County Hamlin	07	0101CST			0	0			Hail (0.75)
Taylor County Abilene	07	0116CST 0132CST			0	0	1M	0	Hail (3.00)
Baseball-size hail, and some hailstones up to three inches in diameter, fell over north portions of the city of Abilene overnight June 6 and 7. The hail caused considerable damage, including a lot of broken windows, at Abilene Christian University, Hardin-Simmons University and many north Abilene residences. The storm also caused power outages, about 2,200 people in Abilene were without electricity.									
Taylor County Abilene	07	0121CST			0	0			Thunderstorm Wind (G52)
Fisher County Sylvester	07	0135CST			0	0			Hail (0.75)
Shackelford County 15 SW Albany	07	0157CST 0315CST			0	0			Flash Flood
Flash flooding was reported over southeast Jones and southwest Shackelford counties.									
Jones County 15 SE Anson	07	0157CST 0315CST			0	0			Flash Flood
Callahan County Clyde	07	0205CST 0415CST			0	0			Flash Flood
Taylor County Abilene	07	0220CST 0345CST			0	0	500K	0	Flash Flood
Heavy rains followed the wind and hail event over north Abilene overnight June 6 and 7. The storm also caused power outages and a few fires.									
Brown County 10 NNW Brownwood	07	0330CST			0	0			Hail (0.75)
Nolan County Blackwell	07	0335CST			0	0			Hail (0.75)
Runnels County Winters	07	0405CST			0	0			Hail (0.75)
San Saba County San Saba	07	0510CST 0753CST			0	0			Flash Flood
Heavy rains caused street flooding in the town of San Saba overnight June 6 and 7.									
Taylor County Abilene	07	2242CST			0	0			Hail (1.25)
Callahan County 3 N Eula	07	2248CST			0	0			Hail (0.75)
Taylor County (Dys)Dyess Afb Abile	17	1410CST			0	0			Hail (0.75)
Taylor County (Dys)Dyess Afb Abile	17	1410CST			0	0			Thunderstorm Wind (G56)
Tom Green County (Sjt)Mathis Fld San	29	1657CST			0	0			Thunderstorm Wind (G50)

TEXAS, Central Southeast

TXZ163>164-176>179- 195>200-210>214- 226>227-235>238	Houston - Trinity - Madison - Walker - San Jacinto - Polk - Burleson - Brazos - Washington - Grimes - Montgomery - Liberty - Colorado - Austin - Waller - Harris - Chambers - Wharton - Fort Bend - Jackson - Matagorda - Brazoria - Galveston								
01 30	0000CST 2359CST	0	0	Drought					

Continuation of drought from May. Rainfall was above normal in portions of Southeast Texas, especially near the coast. Areas inland and to the west continued to be extremely dry. Despite the above normal rainfall in portions of Southeast Texas, rainfall

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	June 1996
<u>TEXAS, Central Southeast</u>										
			totals in the Houston area were still running more than 10 inches below normal. Other areas to the west and north had rainfall reports about 75% below the normals for the first 6 months of the year. Damage from the extended drought has begun to reach record proportions as many crops being completely lost and large portion of animals being sold because lack of grass in pasture land. Property damage of \$10 million, agricultural loss of \$100 million in Southeast Texas.							
Houston County Weches	01	1338CST			0	0	5K		Thunderstorm Wind	
	DPS reported trees blown down and blocking HWY 227 & HWY 21E.									
Montgomery County Cut And Shoot	02	1550CST			0	0	5K		Hail (0.75)	
Harris County Houston	02	1640CST			0	0	5K		Thunderstorm Wind (G50)	
	Spotter reported trees blown down by estimated 50 kt winds. Key map location 373W (Warren & Gulfbank).									
Harris County Houston	02	1650CST			0	0	5K		Thunderstorm Wind	
	Trees blown down north of downtown Houston. Key map location 413Z.									
Harris County Houston	02	1655CST			0	0	5K		Thunderstorm Wind	
	Trees blown down near downtown Houston. Key map locations 492G and 492H.									
Harris County Houston	02	1709CST			0	0	5K		Hail (0.75)	
	3/4" hail at HWY 59 and South Main.									
Harris County Almeda	02	1711CST			0	0	5K		Hail (0.88)	
	Nickle sized hail at Holcombe and Alemeda.									
Fort Bend County Sugarland	02	1755CST			0	0	5K		Thunderstorm Wind	
	Trees blown down.									
Fort Bend County Rosenberg	02	1800CST			0	0	5K		Hail (1.00)	
Wharton County El Campo	02	1930CST			0	0	5K		Thunderstorm Wind	
	Trees blown down.									
Fort Bend County Stafford	03	1400CST			1	0			Lightning	
	Lightning struck and killed female in Stafford. F30OU									
Fort Bend County Richmond	03	1401CST			0	0	5K		Hail (0.75)	
	3/4" hail covering the ground southeast of Richmond on HWY 59.									
Harris County Houston	03	1415CST			0	0	5K		Hail (0.88)	
	Nickle sized hail near the Astrodome and 610 and HWY 288.									
Harris County Houston	03	1420CST			0	0	5K		Thunderstorm Wind	
	Light poles blown down at 610 and Broadway.									
Fort Bend County 5 S Richmond	03	1440CST			0	0	10K		Thunderstorm Wind	
	15 power poles blown down. Key map location 645.									
Fort Bend County Richmond	03	1440CST			0	0	10K		Hail (1.50)	
	Service vehicle had window smashed out by large hail. Key map location 606U.									
Fort Bend County Rosenberg	03	1440CST			0	0	100K		Thunderstorm Wind	
	Significant wind damage to Express Inn. 1/3 of the roof torn off, windows broken, and railing damaged.									
Harris County Houston Hgts	04	1406CST			0	0	5K		Hail (0.75)	
	3/4" hail at HWY 290 & Hollister.									
Harris County Channelview	04	1425CST			0	0	5K		Hail (0.75)	
Harris County Houston	04	1534CST			0	0	25K		Hail (0.75)	
	3/4" hail at David McDavid Nissan in Houston.									
Harris County Friendswood	04	1554CST			0	0	5K		Hail (0.75)	
Harris County Houston	04	1556CST			0	0	5K		Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, Central Southeast</u>									
Harris County Friendswood	04	1616CST			0	0	5K		Thunderstorm Wind
	2 large trees snapped off at the ground in Friendswood.								
Galveston County League City	04	1616CST			0	0	3K		Thunderstorm Wind (G50)
	NWS employee reported 50 knot wind gusts.								
Galveston County League City	04	1616CST			0	0	5K		Hail (0.88)
Harris County Houston	04	1620CST			0	0	5K		Thunderstorm Wind
	Construction signs and billboards blown down on the Gulf Freeway.								
Brazoria County Alvin	04	1620CST			0	0	5K		Hail (0.75)
	3/4" hail in eastern Alvin.								
Brazoria County Alvin	04	1622CST			0	0	5K		Hail (0.88)
	Nickle size hail at Alvin Water Plant.								
Galveston County Texas City	04	1630CST			0	0	2M		Lightning
	Lightning struck and blew up a chemical tank at the Amaco Refinery in Texas City.								
Brazoria County Pearland	04	1640CST			0	0	5K		Hail (0.75)
Galveston County .3 S Galveston to Galveston	04	1800CST 1805CST			0	0			Waterspout
Wharton County Crescent	04	1830CST			0	0	20K		Thunderstorm Wind
	Barn roof blown off.								
Harris County Aldine	13	1505CST			0	0	5K		Hail (0.75)
Harris County Houston	13	1515CST			0	0	5K		Hail (1.00)
	Quarter size hail on Hardy Toll Rd, north of 610 Loop.								
Harris County Houston	13	1520CST			0	0	5K		Thunderstorm Wind
	Trees blown down. Key map locations 453C and 453G.								
Harris County Houston	13	1650CST			0	0	5K		Hail (0.75)
	3/4" hail at Clay Rd. & Eldridge.								
Polk County 4 E Livingston	13	1745CST			0	0	5K		Hail (0.88)
Galveston County 16 S Galveston	14	0850CST 0855CST			0	0			Waterspout
Harris County Wrn Harris	15	1535CST			0	0	5K		Thunderstorm Wind
	Fences ripped out of the ground by strong wind gusts in western portions of the county.								
Polk County Goodrich	18	1630CST			0	0	3K		Thunderstorm Wind
	Large tree limbs blown down.								
Harris County Houston	18	1902CST			0	0	5K		Hail (0.75)
	3/4" hail at Cypress Dr. and I-45.								
Harris County Houston	18	1942CST			0	0	5K		Hail (0.75)
	3/4" hail at I-10 and Loop 610.								
Harris County Houston	18	1945CST			0	0	5K		Thunderstorm Wind
	Trees blown down at 6300 Jenson and 1200 11th St.								
Harris County Houston	18	2005CST			0	0	3K		Thunderstorm Wind
	Road signs on HWY 59 & Loop 610 blown down.								
Harris County 10 E Morgans Pt	18	2010CST			0	0	5K		Thunderstorm Wind (G55)
	Coast Guard reported 55 knot gusts on San Jacinto River and Galveston Bay.								

Storm Data and Unusual Weather Phenomena

June 1996

								June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
<u>TEXAS, Central Southeast</u>								
Harris County Aldine	20	1057CST			0	0	5K	Thunderstorm Wind
	Power lines blown down. Key map location 490U and 413E.							
Harris County Aldine	20	1100CST			0	0	75K	Lightning
	Lightning struck and caused house fire at key map location 412B.							
Harris County Baytown	20	1541CST			0	0	5K	Hail (0.75)
Harris County Houston	20	1545CST			0	0	15K	Thunderstorm Wind
	Large trees uprooted by strong winds. Key map locations 454H, 454M, 455F, 455N.							
Harris County Houston	20	1600CST			0	0	250K	Thunderstorm Wind
	Approximately 25 homes sustained wind damage in the Parkhurst Subdivision (key map 455F) and over 1 dozen trees blown down.							
Harris County Houston Intl Arpt	20	1622CST			0	0	5K	Thunderstorm Wind (G50)
	50 knot wind gusts at IAH.							
Fort Bend County Srnl Ft Bend	20	1706CST			0	0	200K	Thunderstorm Wind
	2 barns, 1 home, and a shed destroyed by strong wind between Needville and Fairchild. Key map location 684P and 684Q.							
Fort Bend County Fairchilds	20	1708CST			0	0	200K	Thunderstorm Wind
	1 barn and 2 grain dryers destroyed, 1 barn and 1 mobile home sustained wind damage in Fairchild.							
Wharton County Egypt	20	1738CST			0	0	5M 5M	Hail (4.50)
	Grapefruit sized hail fell in Egypt. 30-40% of homes with significant damage to roofs and windows. Trees snapped and many cars totalled. Significant agriculture loss (1000 acres sorgham, 2000 acres corn, and 1000 acres soybeans destroyed).							
Wharton County Wharton/Iago	20	1745CST			0	0	50K	Thunderstorm Wind
	Trees blown down. Two storage sheds destroyed in Wharton. Two garages destroyed in the Boling area.							
Wharton County Lane City	20	1820CST			0	0	5K	Thunderstorm Wind
	Power lines blown down in Lane City.							
Jackson County Edna	20	1854CST 1900CST	0.3	75	0	0	5K	Tornado (F0)
	Tornado touched down near Beuchers Field in Edna and knocked trees down.							
Jackson County 5 SW Morales	20	1906CST			0	0	5K	Hail (1.75)
Galveston County Galveston Bay	23	1106CST			0	0		Thunderstorm Wind (G70)
	Coast Guard reported 50 to 70 knot gusts in Galveston Bay.							
Galveston County Galveston Bay	23	1323CST			0	0		Thunderstorm Wind (G50)
	Coast Guard reported 50 knot gusts at Pelican Cut in Galveston Bay.							
<u>TEXAS, Extreme West</u>								
NONE REPORTED.								
<u>TEXAS, Mid - South</u>								
Victoria County 10 SE Victoria	03	1702CST			0	0		Hail (0.75)
	Hail reported by NWS spotter.							
Refugio County 10 NE Refugio	03	1730CST			0	0		Hail (0.75)
	NWS spotter and Sheriff reported hail.							
Bee County Papalote	03	1830CST			0	0		Hail (0.75)
	Spotter and public reported hail.							
Victoria County 12 N Victoria	04	1820CST			0	0		Thunderstorm Wind (G60)
	Public and NWS spotter reported widespread wind damage with numerous trees down and power outages.							
Victoria County 1 N Victoria	04	1830CST			0	0		Hail (0.75)

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
TEXAS, Mid - South									
			Spotter reported hail.						
Goliad County Schroeder	04	1845CST			0	0			Hail (1.00)
	NWS spotter reported hail covering roadway.								
Victoria County Victoria	20	1910CST			0	0			Hail (1.75)
	Victoria DPS reported hail.								
Victoria County Victoria	20	1915CST			0	0			Hail (1.75)
	Spotter and public reported hail.								
Victoria County Nursery	20	1915CST			0	0			Hail (2.75)
	Victoria Advocate Newspaper reported hail.								
Victoria County Nursery	20	1920CST			0	0			Hail (1.75)
	Fire Chief reported funnel cloud and hail.								
Victoria County 3 W Nursery	20	1925CST			0	0			Hail (1.50)
	Victoria DPS reported hail, power lines down, and car windshields broken.								
Goliad County Schroeder	20	1935CST			0	0			Hail (0.75)
	Spotter and public reported hail covering the ground.								
Goliad County Berclair	20	2035CST			0	0			Hail (1.75)
	Spotter reported hail, broken windows, and power lines down.								
Bee County 5 W Berclair	20	2050CST			0	0			Thunderstorm Wind (G50)
	Public reported fences and trees down near highway 59.								
TEXAS, North									
TXZ118	Tarrant	01	0000CST		0	0			Drought
	30	2300CST							
	An increase in the number of rain events in North Central Texas during the month of June helped some agricultural interests, as soil moisture improved. The improvement was not widespread however, as the rains came in their typically spotty summertime fashion. The agriculture industry continued to be highly stressed as did the recreation industry that relies on higher lake/reservoir levels. The weather pattern that persisted since the Fall of 1995 continued through June, as did the extended dry period in which 30 to 50 percent of normal rainfall has been realized across northern and central Texas.								
Denton County Denton	01	0945CST			0	0			Thunderstorm Wind (G52)
	Overnight convection in southern Oklahoma organized into a squall line and moved south of the Red River by mid-morning on the 1st. Several embedded damaging wind storms, or bow-echoes, moved through the central portion of northern and central Texas causing widespread damage and wind gusts measured to 112 mph.								
Dallas County Addison	01	1005CST			0	0	25K		Thunderstorm Wind (G97)
	Wind gusts measured to 112 mph damaged hangar doors at the airport.								
Tarrant County Grapevine	01	1007CST			0	0			Thunderstorm Wind (G50)
Dallas County Dallas	01	1008CST			0	0	100K		Thunderstorm Wind
	Sixty windows were blown out at the Gateway Bank. The roof was damaged and windows were blown out by high winds at the 1st State Bank. The roof was taken off a Cadillac dealership.								
Dallas County Coppel	01	1010CST			0	0	2K		Thunderstorm Wind
	Power lines were blown down by high winds.								
Denton County Lewisville	01	1020CST			0	0	50K		Thunderstorm Wind (G52)
	Trees and power lines were blown down by high winds. The roof of the Vista Ridge Mall was also damaged.								
Dallas County Dallas	01	1023CST			0	0	20K		Thunderstorm Wind
	Two airplanes were flipped and damaged by high winds at the Red Bird Airport.								
Tarrant County South Lake	01	1025CST			0	0			Thunderstorm Wind (G57)
Dallas County Dallas	01	1027CST			0	0	2K		Thunderstorm Wind
	Billboards were blown down by high winds.								

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
TEXAS, North										
Dallas County Dallas	01	1039CST			0	0			Hail (0.75)	
Dallas County Dallas Love Fld	01	1039CST			0	0			Thunderstorm Wind (G51)	
Parker County Weatherford	01	1045CST			0	0			Hail (1.00)	
Collin County Princeton	01	1045CST			0	0	2K		Thunderstorm Wind	
Trees and power lines were blown down by high winds.										
Ellis County Ennis	01	1045CST			0	0	15K		Thunderstorm Wind (G61)	
Trees and power lines were blown down by high winds. The roof was damaged at the country club.										
Parker County Weatherford	01	1046CST			0	0	20K		Thunderstorm Wind (G60)	
The roof was blown off a house.										
Dallas County Dallas	01	1050CST			0	0	2K		Thunderstorm Wind	
Power lines were blown down by high winds.										
Collin County Prosper	01	1050CST			0	0	2K		Thunderstorm Wind	
Power lines were blown down by high winds.										
Collin County Celina	01	1050CST			0	0	2K		Thunderstorm Wind	
Power lines were blown down by high winds.										
Collin County Frisco	01	1050CST			0	0	2K		Thunderstorm Wind	
Power lines were blown down by high winds.										
Dallas County Dallas	01	1058CST			0	0			Thunderstorm Wind (G52)	
Large trees were blown down in Fairpark.										
Dallas County Balch Spgs	01	1059CST			0	0			Thunderstorm Wind (G52)	
Trees were blown down by high winds.										
Dallas County Seagoville	01	1102CST			0	0	2K		Thunderstorm Wind (G57)	
Trees were uprooted and power lines were blown down by high winds.										
Ellis County Midlothian	01	1120CST			0	0			Thunderstorm Wind (G60)	
Hunt County 6 W Quinlan	01	1125CST			0	0	10K		Thunderstorm Wind	
A tree was blown onto a house.										
Ellis County Ovilla	01	1129CST			0	0			Thunderstorm Wind (G60)	
Rockwall County Rockwall	01	1130CST			0	0	2K		Thunderstorm Wind	
Power lines were blown down by high winds.										
Kaufman County Terrell	01	1134CST			0	0			Thunderstorm Wind (G52)	
Kaufman County 1 N Kemp	01	1134CST			0	0			Hail (1.50)	
Kaufman County Kaufman	01	1135CST			0	0	3K		Thunderstorm Wind (G61)	
Power lines and a sign were blown down by high winds.										
Kaufman County Kemp	01	1143CST			0	0	8K		Thunderstorm Wind (G78)	
Trees and power lines were blown down by winds estimated at 90 mph. A mobile home was damaged and a car was overturned.										
Van Zandt County Myrtle Spgs	01	1149CST			0	0	2K		Thunderstorm Wind	
Power lines were blown down by high winds.										
Ellis County Ennis	01	1155CST			0	0	2K		Thunderstorm Wind (G61)	
Trees and power lines were blown down by high winds.										
Kaufman County Kemp	01	1155CST			0	0			Thunderstorm Wind (G61)	
Henderson County Cedar Creek Res Sout	01	1210CST			0	0			Thunderstorm Wind (G70)	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Van Zandt County Canton	01	1215CST			0 0	2K	Thunderstorm Wind
	Trees and power lines were blown down by high winds.						
Navarro County Rice	01	1220CST			0 0	2K	Thunderstorm Wind
	Power lines were blown down by high winds.						
Johnson County Cleburne	01	1221CST			0 0	2K	Thunderstorm Wind
	Trees and power lines were blown down by high winds.						
Navarro County 5 NE Corsicana	01	1230CST			0 0		Thunderstorm Wind
	A large tree was blown down by high winds.						
Navarro County Corsicana	01	1230CST			0 0	2K	Thunderstorm Wind
	Power lines were blown down by high winds.						
Anderson County Palestine	01	1230CST			0 0	12K	Thunderstorm Wind
	High winds damaged six barns and took the roof off a mobile home.						
Rockwall County Rockwall	01	1231CST			0 0	15K	Thunderstorm Wind (G61)
	Trees and power lines were blown down by high winds. The bank roof was damaged.						
Limestone County Groesbeck	01	1250CST			0 0		Thunderstorm Wind (G52)
Navarro County 5 E Angus to Angus	01	1255CST			0 0	2K	Thunderstorm Wind
	A power pole was blown over by high winds.						
Freestone County 1 N Fairfield	01	1300CST			0 0		Thunderstorm Wind (G52)
Anderson County Brushy Creek	01	1320CST			0 0	2K	Thunderstorm Wind
	Power lines were blown down by high winds.						
Anderson County 2 NW Palestine	01	1328CST			0 0	2K	Thunderstorm Wind
	Trees and power lines were blown down by high winds.						
Anderson County 1 E Palestine	01	1328CST			0 0	2K	Thunderstorm Wind
	Trees and power lines were blown down by high winds.						
McLennan County Waco	01	1345CST			0 0	2K	Thunderstorm Wind
	Power lines were blown down by high winds.						
McLennan County Lorena	01	1345CST			0 0	2K	Thunderstorm Wind
	Trees and power lines were blown down by high winds.						
Bell County 3 NW Belton	01	1406CST			0 0		Thunderstorm Wind
	High winds overturned a boat on Lake Belton.						
Coryell County Ft Hood Aaf	01	1415CST			0 0		Thunderstorm Wind (G52)
Bell County 5 E Ding Dong	02	1315CST			0 0		Hail (0.75)
Bell County 5 E Ding Dong	02	1315CST			0 0		Thunderstorm Wind (G52)
Haskell County 7 W Rochester	02	1810CST			0 0		Hail (1.00)
Haskell County Rochester	02	1820CST			0 0		Hail (0.75)
Haskell County Rule	02	1830CST 1915CST			0 0		Flash Flood
	Water covered portions of Highway 6 between Rule and Rochester from 730 pm through around 815 pm.						
Haskell County 5 NW Haskell	03	2025CST 2027CST	0.1	25	0 0	2K	Tornado (F0)
	A brief tornado touchdown knocked several trees and power lines down.						
Haskell County Rochester	03	2035CST			0 0	100K	Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
TEXAS, North									
			The high school gymnasium roof and five homes were damaged by high winds.						
Young County Olney	03	2128CST			0	0			Thunderstorm Wind (G61)
			Large tree limbs were blown down by high winds.						
Throckmorton County Woodson	03	2140CST			0	0			Thunderstorm Wind (G52)
Young County Graham	03	2200CST			0	0			Thunderstorm Wind
			Large tree limbs were blown down by high winds.						
Stephens County Breckenridge	03	2213CST			0	0	2K		Thunderstorm Wind
			Trees and power lines were blown down by high winds.						
Eastland County Cisco	03	2230CST			0	0	2K		Thunderstorm Wind
			Power lines were blown down by high winds.						
Eastland County Eastland	03	2230CST			0	0	2K		Thunderstorm Wind
			Trees and power lines were blown down by high winds.						
Stephens County Ivan	03	2235CST			0	0			Thunderstorm Wind (G61)
Eastland County Rising Star	03	2310CST			0	0			Thunderstorm Wind (G61)
			Trees were blown down by high winds.						
Comanche County De Leon	03	2313CST			0	0			Thunderstorm Wind (G57)
Hood County Tolar	03	2325CST			0	0			Thunderstorm Wind (G61)
Hood County Granbury	03	2325CST			0	0	2K		Thunderstorm Wind (G52)
			Power lines were blown down by high winds.						
Erath County Stephenville	03	2328CST			0	0			Thunderstorm Wind
			High winds blew a trailer onto the road.						
Parker County Aledo	03	2340CST			0	0			Hail (0.75)
Parker County 3 E Weatherford	03	2344CST			0	0			Hail (0.75)
Comanche County Comanche	03	2350CST			0	0			Thunderstorm Wind (G61)
Comanche County Comanche	04	0000CST			0	0			Thunderstorm Wind (G61)
			Trees were blown down by high winds.						
Hamilton County Pottsville	04	0040CST			0	0			Thunderstorm Wind (G52)
Hamilton County Hamilton	04	0040CST			0	0			Thunderstorm Wind (G52)
Mills County Mullin	04	0050CST			0	0			Thunderstorm Wind
			Large tree limbs were blown down by high winds.						
Hamilton County Pottsville	04	0055CST			0	0			Hail (1.75)
Hamilton County Hamilton	04	0115CST			0	0			Thunderstorm Wind (G52)
Lampasas County Moline	04	0135CST			0	0	5K		Thunderstorm Wind
			Power poles were blown down by high winds.						
Lampasas County Moline	04	0145CST			0	0			Thunderstorm Wind
			Trees were blown down by high winds.						
Bell County Killeen	04	0205CST			0	0			Thunderstorm Wind (G52)
Coryell County Gatesville	04	0220CST			0	0	15K		Thunderstorm Wind
			The roof was blown off a mobile home.						
Haskell County Rochester	04	2248CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
TEXAS, North									
Throckmorton County 15 W Throckmorton	04	2310CST			0	0			Thunderstorm Wind (G52)
Haskell County Haskell	04	2330CST			0	0			Thunderstorm Wind
		Trees were blown down by high winds.							
Haskell County Rule	04	2335CST			0	0			Hail (0.75)
Montague County St Jo	06	1930CST			0	0			Hail (0.75)
Montague County St Jo	06	1930CST			0	0			Thunderstorm Wind
		Large tree limbs were blown down by high winds.							
Montague County St Jo	06	2025CST			0	0			Hail (1.00)
Cooke County 5 S Myra	06	2043CST			0	0			Hail (1.50)
Lamar County Powderly	06	2110CST			0	0			Hail (0.75)
Lamar County Powderly	06	2110CST			0	0	40K		Thunderstorm Wind
		Strong winds blew down trees, damaged barns and peeled back the roofs on several mobile homes.							
Collin County Prosper	06	2120CST			0	0			Thunderstorm Wind (G52)
Collin County Prosper	06	2130CST			0	0	20K		Thunderstorm Wind
		Strong winds damaged barns and snapped trees.							
Collin County 4 W Mc Kinney	06	2135CST			0	0	3K		Thunderstorm Wind
		Strong winds flipped a barn, destroyed an outbuilding and blew down an antenna and trees.							
Denton County Ponder	06	2135CST			0	0			Thunderstorm Wind
		Trees were blown down by high winds.							
Collin County Mc Kinney	06	2140CST			0	0	2K		Thunderstorm Wind
		Power lines were blown down by high winds.							
Collin County Frisco	06	2140CST			0	0			Thunderstorm Wind
		Trees were damaged by high winds.							
Denton County Justin	06	2150CST			0	0			Thunderstorm Wind (G52)
Denton County Lewisville	06	2155CST			0	0	2K		Thunderstorm Wind
		Strong winds snapped trees and damaged billboards.							
Dallas County Dallas	06	2200CST			0	0	2K		Thunderstorm Wind
		Strong winds damaged billboards and blew down trees.							
Dallas County Coppell	06	2201CST			0	0			Hail (0.75)
Dallas County Irving	06	2205CST			0	0	10M		Thunderstorm Wind (G71)
		Strong winds peeled much of the roof off a motel, snapped trees and blew shingles off of homes in the area. The debris from the motel roof fell onto power lines and started a fire that consumed an adjacent moving companies' warehouse.							
Rains County 6 NE Emory	06	2237CST			0	0			Hail (1.50)
Haskell County Haskell	06	2310CST			0	0			Hail (0.88)
Dallas County Wilmer	06	2315CST			0	0	15K		Thunderstorm Wind
		Strong winds removed the roof from a mobile home.							
Haskell County Weinert	06	2320CST			0	0			Hail (1.00)
Haskell County Haskell	06	2321CST			0	0			Hail (0.75)
Throckmorton County 7 SW Throckmorton	06	2330CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
TEXAS, North									
Montague County Bowie	06	2359CST			0	0			Hail (0.75)
Montague County Bowie	06	2359CST			0	0			Hail (0.75)
Ellis County Palmer	07	0000CST			0	0	2K		Thunderstorm Wind
		Power lines were blown down by high winds.							
Ellis County 6 E Palmer	07	0000CST			0	0	2K		Thunderstorm Wind
		Power lines were blown down by high winds.							
Cooke County Gainesville	07	0002CST			0	0			Hail (1.00)
Montague County Bowie	07	0002CST			0	0			Hail (0.75)
Palo Pinto County Possum Kingdom Lake	07	0032CST			0	0	30K		Thunderstorm Wind
		A mobile home was destroyed by high winds.							
Palo Pinto County 2 SE Santo	07	0100CST			0	0			Thunderstorm Wind
		An 18-wheeler was flipped on its top by high winds.							
Palo Pinto County Santo	07	0105CST			0	0			Thunderstorm Wind
		Strong winds blew down trees and fences.							
Palo Pinto County Mineral Wells	07	0110CST 0111CST			0	0	3K		Lightning
		Lightning damaged the county 911 emergency equipment.							
Hood County Lipan	07	0130CST			0	0			Thunderstorm Wind
		Strong winds blew down a tree onto a road.							
Erath County Stephenville	07	0135CST			0	0			Hail (0.88)
Erath County Stephenville	07	0135CST			0	0			Thunderstorm Wind (G61)
Hood County Granbury	07	0140CST			0	0	1K		Thunderstorm Wind
		A shed was destroyed by high winds.							
Somervell County Glen Rose	07	0220CST			0	0	2K		Thunderstorm Wind
		Power lines were blown down by high winds.							
Comanche County Comanche	07	0220CST			0	0			Thunderstorm Wind
		A large tree was blown down by high winds.							
Hamilton County Hico	07	0226CST			0	0			Thunderstorm Wind (G60)
Comanche County Comanche	07	0230CST			0	0			Thunderstorm Wind
		Large tree limbs were blown down by high winds.							
McLennan County China Spg	07	0400CST			0	0			Thunderstorm Wind
		A tree was blown down by high winds.							
Parker County Poolville	10	0335CST			0	0			Hail (1.75)
Parker County 6 S Springtown	10	0400CST			0	0			Hail (1.00)
Parker County Aledo	12	1439CST			0	0			Hail (1.00)
Denton County 5 E Sanger	12	1512CST 1513CST			1	2			Lightning
		A man was struck and killed by lightning while attempting to secure his boat on Lake Ray Roberts. Two other injuries were sustained. M32OU							
Tarrant County Benbrook	12	1523CST			0	0			Thunderstorm Wind (G50)
Denton County Roanoke	12	1540CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
TEXAS, North										
Tarrant County										
Keller	12	1545CST			0	0	1K		Thunderstorm Wind	
	Trees were blown down and a barn was destroyed by high winds.									
Tarrant County										
Grapevine	12	1555CST			0	0			Hail (1.75)	
Tarrant County										
3 W Crowley	12	1607CST			0	0			Thunderstorm Wind (G52)	
Johnson County										
6 W Burleson	12	1607CST			0	0			Thunderstorm Wind (G52)	
Denton County										
Pilot Pt	12	1630CST			0	0			Hail (0.75)	
Dallas County										
Farmers Branch	12	1630CST			0	0			Thunderstorm Wind (G52)	
Grayson County										
Pottsboro	12	1700CST			0	0	1K		Thunderstorm Wind	
	Power poles were blown down by high winds.									
Grayson County										
Pottsboro	12	1700CST			0	0			Hail (1.00)	
Collin County										
Plano	12	1710CST			0	0			Hail (1.00)	
Collin County										
Plano	12	1710CST			0	0			Thunderstorm Wind	
	Large limbs were blown down by high winds.									
Fannin County										
3 W Bonham	12	1740CST			0	0			Thunderstorm Wind (G52)	
Fannin County										
Bonham	12	1755CST			0	0			Hail (0.88)	
Fannin County										
4 N Bonham	12	1755CST			0	0			Thunderstorm Wind (G52)	
Lamar County										
Pat Mayse Lake	12	1815CST			0	0			Thunderstorm Wind (G52)	
Lamar County										
Paris	12	1816CST			0	0	75K		Thunderstorm Wind (G61)	
	Strong winds overturned and damaged a plane, caused heavy damage to a dairy and blew down trees.									
Lamar County										
1 W Brookston	12	1820CST			0	0	15K		Thunderstorm Wind (G70)	
	Strong winds estimated at 80 mph blew the roof off a home.									
Delta County										
Enloe	12	1839CST			0	0			Thunderstorm Wind (G61)	
Hopkins County										
2 W Tira	12	1908CST			0	0			Thunderstorm Wind (G52)	
Delta County										
Ben Franklin	12	1917CST			0	0			Thunderstorm Wind	
	A tree was blown down by high winds.									
Lamar County										
Amherst	12	1923CST 1926CST	0.1	25	0	0			Tornado (F0)	
	A brief tornado touchdown was reported.									
Lamar County										
Blossom	12	1947CST			0	0	5K		Thunderstorm Wind	
	A trailer was blown over by high winds.									
Lamar County										
Paris	12 13	2115CST 0300CST			0	0			Flash Flood	
	Numerous roads and low-lying areas across the county were flooded by excessive rainfall. Sporadic reports of flooding continued until around 700 am on the 13th.									
Fannin County										
Honey Grove	12	2210CST			0	0	10K		Thunderstorm Wind (G71)	
	Power lines and approximately 500 trees were blown down or damaged by high winds.									
Fannin County										
7 E Honey Grove	12	2227CST			0	0			Hail (1.00)	
Fannin County										
1 E Honey Grove	12	2230CST			0	0			Hail (1.00)	
Fannin County										
Honey Grove	12	2230CST 2330CST			0	0			Flash Flood	

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
TEXAS, North									
			Streets were flooded and water was knee-deep in some places around town.						
TXZ095	Lamar	13	0500CST		0	0			Flood
			0600CST						
			Several roads continued to be flooded due to excessive rain received hours earlier.						
Dallas County	Cedar Hill	13	1450CST		0	0			Thunderstorm Wind (G52)
Tarrant County	Ft Worth	13	1450CST		0	0	10K		Thunderstorm Wind
			A building was damaged by high winds.						
Tarrant County	4 NW Saginaw	13	1503CST		0	0			Thunderstorm Wind
			Large trees were blown down by high winds near the Hicks Airport.						
Tarrant County	Ft Worth	13	1520CST		0	0	10K		Thunderstorm Wind
			Garage doors were blown in by strong winds.						
Tarrant County	Ft Worth	13	1530CST		0	0	50K		Thunderstorm Wind
			High winds caused major roof damage.						
Tarrant County	Crowley	13	1553CST		0	0			Thunderstorm Wind
			A large tree was blown down by high winds.						
Dallas County	Dallas	13	1611CST		0	0	10K		Thunderstorm Wind
			An airplane was flipped over and damaged by high winds at the Red Bird Airport.						
Somervell County	Glen Rose	13	1630CST		0	0			Hail (0.75)
Somervell County	Glen Rose	13	1631CST		0	0	3K		Thunderstorm Wind
			A large tree was blown down and a carport was damaged by high winds.						
Mclennan County	West	13	1737CST		0	0			Hail (1.00)
Coryell County	Gatesville	13	1856CST		0	0			Hail (0.75)
Ellis County	Midlothian	14	1515CST		0	0			Thunderstorm Wind (G52)
Dallas County	Carrollton	14	1605CST		0	0	2K		Thunderstorm Wind
			Power lines were blown down by high winds.						
Dallas County	Dallas	14	1606CST		0	0			Thunderstorm Wind (G52)
Dallas County	University Park	14	1615CST		0	0	450K		Lightning
			1616CST						
			Lightning struck a home and burnt it down.						
Dallas County	(Ads)Addison Arprt Da	14	1635CST		0	0			Thunderstorm Wind (G100)
			Wind gusts to 115 mph were measured at the Addison Airport.						
Navarro County	Corsicana	14	1713CST		0	0			Hail (0.75)
Navarro County	Corsicana	14	1735CST		0	0	2K		Thunderstorm Wind
			Power lines were blown down by high winds.						
Kaufman County	Terrell	15	1451CST		0	0			Hail (0.75)
Kaufman County	Terrell	15	1451CST		0	0			Thunderstorm Wind
			Trees were blown down by high winds.						
Dallas County	Garland	15	1514CST		0	0			Thunderstorm Wind
			Large trees were blown down by high winds.						
Dallas County	Garland	15	1515CST		0	0	2K		Thunderstorm Wind (G61)
			Power lines were blown down by high winds.						
Cooke County	3 N Muenster	15	1515CST		0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
TEXAS, North									
Dallas County Garland	15	1528CST			0	0			Hail (0.75)
Dallas County Dallas	15	1542CST			0	0	2K		Thunderstorm Wind
		Power lines were blown down by high winds.							
Dallas County Garland	15	1555CST			0	0			Thunderstorm Wind
		A large tree was blown down by strong winds.							
Collin County Plano	15	1610CST			0	0	20K		Thunderstorm Wind
		Strong winds blew down trees and caused roof damage.							
Collin County Plano	15	1631CST			0	0			Thunderstorm Wind
		Large tree limbs were blown down by high winds.							
Hopkins County Saltillo	16	1536CST			0	0			Thunderstorm Wind (G61)
		Strong winds estimated at 70 mph blew several trees down.							
Dallas County Seagoville	17	1237CST			0	0			Hail (0.75)
Ellis County Boyce	17	1355CST			0	0			Hail (0.75)
Grayson County Ida	17	1545CST			0	0			Thunderstorm Wind
		Trees were blown down by high winds.							
Grayson County Gunter	17	1600CST			0	0	15K		Thunderstorm Wind
		Strong winds destroyed two barns and damaged a home.							
Collin County Mc Kinney	17	1650CST			0	0			Hail (0.75)
Collin County Mc Kinney	17	1655CST			0	0			Hail (0.88)
Collin County Mc Kinney	17	1655CST			0	0	10K		Thunderstorm Wind
		A tree was blown down onto a house.							
Fannin County 5 E Bonham	17	1700CST			0	0	15K		Thunderstorm Wind
		Strong wind blew the roof off a house.							
Fannin County 1 N Honey Grove	17	1700CST			0	0			Thunderstorm Wind (G52)
Dallas County Carrollton	17	1715CST			0	0			Thunderstorm Wind (G57)
Tarrant County Arlington	17	1730CST			0	0	25K		Thunderstorm Wind
		Strong winds blew in the window glass of one business and damaged the roof of another business.							
Dallas County Dallas	17	1805CST			0	0			Hail (0.75)
Dallas County Richardson	17	1806CST			0	0			Thunderstorm Wind
		Large tree limbs were blown down by high winds.							
Dallas County Garland	17	1825CST			0	0			Thunderstorm Wind
		Large tree limbs were blown down by high winds.							
Tarrant County Arlington	17	1835CST			0	0			Thunderstorm Wind
		A tree was blown down by high winds.							
Dallas County Grand Prairie	17	1836CST			0	0			Thunderstorm Wind (G52)
Rockwall County Heath	17	1852CST			0	0			Thunderstorm Wind
Coryell County Oglesby	18	1445CST			0	0			Thunderstorm Wind (G52)
Hopkins County Dike	18	1645CST			0	0			Hail (1.00)
TEXAS, North Panhandle									
Hartley County 10 E Romero	01	2140CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm	June 1996
TEXAS, North Panhandle											
Thunderstorm over the northwest Texas panhandle produced strong winds as reported by the sheriff's office.											
Hansford County 15 NW Gruver to 12 NW Gruver	02	1428CST 1450CST	3	50	0	0				Tornado (F0)	
Brief tornado touchdown as reported by county storm spotters. The tornado remained over open terrain and the track is only an estimate.											
Hutchinson County Fritch	02	1512CST			0	0				Hail (1.75)	
Hutchinson County Sanford	02	1512CST			0	0				Hail (1.75)	
Hansford County 7 SW Spearman	02	1525CST			0	0				Tstm Wind/Hail	
Thunderstorms produced 52 knot or higher wind gusts along with 1.75 inch hail.											
Carson County 7 SSE Borger	02	1533CST			0	0				Hail (1.00)	
Hansford County 5 SSW Spearman	02	1538CST			0	0				Hail (0.88)	
Hutchinson County 7 NE Pringle	02	1559CST			0	0				Hail (0.88)	
Hutchinson County Fritch	02	1600CST			0	0				Hail (0.75)	
Carson County 6 W White Deer	02	1602CST			0	0				Hail (0.88)	
Carson County 4 W White Deer to 3.5 W White Deer	02	1607CST 1611CST	0.5	50	0	0				Tornado (F0)	
Brief tornado as reported by ARES storm spotters. The tornado remained over open terrain and the track is only an estimate.											
Carson County 4 W White Deer	02	1609CST			0	0				Hail (1.00)	
Carson County 3 E Panhandle	02	1611CST			0	0				Hail (1.75)	
Carson County Conway to .5 E Conway	02	1632CST 1635CST	0.5	50	0	0				Tornado (F0)	
Brief tornado touchdown as reported by ARES storm spotters. The tornado remained over open terrain and the track is only an estimate.											
Carson County Groom	02	1633CST			0	0				Hail (2.50)	
Carson County 1 W Groom	02	1633CST			0	0				Hail (1.00)	
Armstrong County 1 S Goodnight	02	1650CST			0	0				Hail (0.75)	
Armstrong County 5 N Goodnight	02	1655CST			0	0				Hail (0.88)	
Armstrong County Goodnight	02	1659CST			0	0				Hail (1.00)	
Donley County 8 E Goodnight	02	1702CST			0	0				Hail (1.75)	
Donley County Ashtola	02	1710CST			0	0				Hail (1.75)	
Oldham County 10 N Vega	02	1818CST			0	0				Hail (0.75)	
Randall County 5 N Happy	02	1917CST			0	0				Hail (0.75)	
Thunderstorms over the northern and central Texas panhandle produced large hail along with strong winds and brief tornadoes as reported by storm spotters and law enforcement agencies.											
Carson County 10 S Fritch	03	1425CST			0	0				Hail (0.88)	
Carson County Panhandle	03	1501CST			0	0				Hail (0.75)	
Carson County 1 NE Panhandle	03	1505CST			0	0				Hail (0.88)	
Carson County 5 E Panhandle	03	1510CST			0	0				Hail (0.88)	
Moore County 1 N Dumas	03	1510CST			0	0				Hail (0.88)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
<u>TEXAS, North Panhandle</u>										
Carson County 1 E Panhandle	03	1512CST			0	0			Hail (1.00)	
Moore County 13 E Dumas	03	1525CST			0	0			Hail (1.75)	
Hutchinson County Fritch	03	1550CST			0	0			Thunderstorm Wind (G52)	
Hutchinson County Fritch	03	1555CST			0	0			Hail (1.00)	
Potter County St Francis	03	1615CST			0	0			Thunderstorm Wind (G52)	
Carson County White Deer	03	1620CST			0	0			Thunderstorm Wind (G52)	
Potter County Amarillo	03	1620CST			0	0	100K		Thunderstorm Wind (G60)	
Potter County Amarillo	03	1621CST			0	0			Thunderstorm Wind (G55)	
Randall County Amarillo	03	1622CST			0	0			Thunderstorm Wind (G56)	
Randall County Canyon	03	1708CST			0	0			Hail (0.75)	
Armstrong County 10 S Claude	03	1709CST			0	0			Hail (1.00)	
Thunderstorms across the central Texas panhandle produced large hail and damaging winds as reported by storm spotters and fire departments. In northwest Amarillo strong outflow winds channeled down a draw blowing down numerous trees and damaging homes and automobiles.										
Roberts County Codman	04	1820CST			0	0			Hail (0.75)	
Gray County 2 W Laketon	04	1855CST			0	0			Thunderstorm Wind (G52)	
Gray County 7 N Mc Lean	04	1905CST			0	0			Hail (1.00)	
Wheeler County 7 W Shamrock	04	1910CST			0	0			Tstm Wind/Hail	
Thunderstorm produced 52 knot winds along with the hail. No damage was reported.										
Donley County Hedley	04	1955CST			0	0			Hail (0.75)	
Thunderstorms across the eastern Texas panhandle produced strong winds and hail as reported by storm spotters along with sheriff offices and police departments.										
Sherman County 1 W Stratford	09	2230CST			0	0			Hail (0.75)	
Thunderstorm over the northern Texas panhandle produced hail as reported by the sheriff's office.										
Deaf Smith County Hereford	10	2115CST			0	0	5K		Thunderstorm Wind (G61)	
Thunderstorm over the southwest Texas panhandle produced damaging winds as reported by fire department.										
Lipscomb County 4 W Darrouzett	11	1936CST			0	0			Hail (0.75)	
Oldham County 1 N Vega	11	1950CST			0	0			Thunderstorm Wind (G52)	
Lipscomb County 5 S Darrouzett	11	2002CST			0	0			Hail (0.88)	
Oldham County Vega	11	2005CST			0	0			Thunderstorm Wind (G61)	
Moore County 18 S Dumas	11	2020CST			0	0			Hail (0.75)	
Hansford County Olso	11	2052CST			0	0			Hail (1.75)	
Hutchinson County 3 SW Fritch	11	2103CST			0	0			Hail (0.88)	
Carson County 10 S Fritch	11	2105CST			0	0			Hail (0.88)	
Randall County 1 N Happy	11	2110CST			0	0			Thunderstorm Wind (G52)	
Carson County Panhandle	11	2125CST			0	0			Hail (0.88)	
Lipscomb County 2 E Booker	11	2154CST			0	0			Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

June 1996										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
TEXAS, North Panhandle										
Ochiltree County										
Farnsworth	11	2155CST			0	0				Hail (0.75)
	Thunderstorms across the western, northern and central sections of the Texas panhandle produced strong winds and hail as reported by storm spotters and sheriff's offices.									
Donley County										
Clarendon	16	1700CST			0	0				Hail (1.00)
Donley County										
Clarendon	16	1721CST			0	0				Hail (0.75)
Wheeler County										
Shamrock	16	1805CST			0	0	50K			Thunderstorm Wind (G55)
	Thunderstorms over southeast Texas panhandle produced hail as reported by sheriff's office and National Weather Service employee. In Shamrock strong winds blew cars off the interstate and damage a local motel.									
Hutchinson County										
Pringle	17	2100CST			0	0				Hail (1.00)
Hutchinson County										
2 N Stinnett	17	2100CST			0	0				Thunderstorm Wind (G52)
	Thunderstorm over central Texas panhandle produced hail and strong winds as reported by Emergency Coordinator.									
Carson County										
2 E Skellytown	18	1600CST			0	0				Hail (1.25)
Carson County										
4 SE Skellytown	18	1610CST			0	0				Hail (1.75)
Hutchinson County										
2 N Borger	18	1630CST			0	0				Thunderstorm Wind (G52)
Armstrong County										
10 S Claude to 9.5 SSE Claude	18	1634CST 1638CST	0.5	50	0	0				Tornado (F0)
	Brief tornado touchdown as reported by television weather spotters. The tornado remained over open terrain and the track is only an estimate.									
Gray County										
6 W Pampa	18	1644CST			0	0				Hail (1.00)
Armstrong County										
Claude	18	1645CST			0	0				Hail (0.75)
	Thunderstorms across the central Texas panhandle produced hail and a brief tornado touchdown as reported by spotters and emergency coordinators.									
Dallam County										
Kerrick	22	1725CST			0	0				Tstm Wind/Hail
	Thunderstorm produced 61 knot winds along with large hail as reported by television station. No reports of damage.									
Dallam County										
Kerrick	22	1736CST			0	0				Tstm Wind/Hail
	Thunderstorms over northwest Texas panhandle produced hail and 61 knot winds as reported by radio and television stations.									
Moore County										
Sunray	24	1521CST			0	0				Hail (1.00)
Moore County										
Sunray	24	1526CST			0	0				Hail (2.75)
Moore County										
Sunray	24	1527CST			0	0				Hail (1.00)
Hutchinson County										
5 N Pringle	24	1547CST			0	0				Hail (0.88)
Hutchinson County										
5 N Pringle	24	1555CST			0	0				Thunderstorm Wind (G56)
Hutchinson County										
9 W Stinnett	24	1645CST			0	0				Hail (1.25)
Moore County										
5 S Dumas	24	1659CST			0	0				Hail (0.88)
Hutchinson County										
5 W Stinnett	24	1704CST			0	0				Hail (1.75)
Moore County										
2 W Masterson	24	1720CST			0	0				Hail (1.75)
Potter County										
19 N Amarillo	24	1724CST			0	0				Hail (0.75)
Moore County										
2 W Masterson	24	1725CST			0	0				Thunderstorm Wind (G61)
Moore County										
Masterson	24	1729CST			0	0				Thunderstorm Wind (G52)
Potter County										
19 N Amarillo	24	1745CST			0	0				Hail (1.75)

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Damage Crops	Character of Storm
<u>TEXAS, North Panhandle</u>									
Potter County 19 N Amarillo	24	1915CST 2115CST			0	0			Flash Flood
	Canadian river exceeded flood stage for 2 hours.								
Hartley County Hartley	24	2040CST			0	0			Thunderstorm Wind (G52)
Moore County 5 N Dumas	24	2117CST			0	0			Hail (0.88)
Moore County 5 S Cactus	24	2125CST			0	0			Hail (0.88)
	Thunderstorms across the northwest and central Texas panhandle produced flooding, high winds, and hail. Events were reported by emergency management, law enforcement agencies and TV spotters.								
<u>TEXAS, Northeast</u>									
Smith County 3 E Tyler to Tyler	01	0802CST			0	0			Thunderstorm Wind (G45)
	Two trees were blown over. One fell onto a house with minor damage.								
Shelby County Center	01	1400CST			0	0			Thunderstorm Wind (G50)
	Two large trees fell across power lines. Reported by Storm Spotters.								
Red River County Clarksville	06	2200CST			0	0			Thunderstorm Wind (G60)
	Trees were blown down across several locations in town.								
Red River County 5 N Clarksville to Clarksville	06	2210CST			0	0			Thunderstorm Wind (G60)
	Several trees were blown down across Farm to Market road 37 North blocking traffic.								
Upshur County 5 W Gilmer to Gilmer	07	0000CST			0	0			Thunderstorm Wind (G65)
	Trees and power lines blown down.								
Titus County 8 N Mt Pleasant to Mt Pleasant	07	1110CST			0	0			Thunderstorm Wind (G65)
	Several trees and power lines were blown down onto County Road 4 northwest.								
Camp County Pittsburg	07	1130CST			0	0			Hail (0.75)
Shelby County Tenaha	12	2215CST			0	0			Thunderstorm Wind (G60)
	Trees and power lines were blown down.								
Cherokee County 2 E Rusk to Rusk	13	1500CST			0	0			Thunderstorm Wind (G60)
	Trees and power lines blown down.								
Nacogdoches County Douglass	18	1340CST			0	0			Thunderstorm Wind (G70)
	Several large oak trees were blown over.								
Nacogdoches County Douglass	18	1415CST			0	0			Hail (0.75)
Smith County 3 N Tyler to Tyler	18	1530CST			0	0			Hail (0.75)
Smith County 3 N Tyler to Tyler	18	1530CST			0	0	5K		Thunderstorm Wind (G55)
	Two large trees and one billboard sign were toppled. One of the trees fell onto a roof with minor damage reported.								
Wood County Alba	18	1715CST 1720CST			0	0			Hail (0.75)
Wood County Alba	18	1720CST			0	0			Thunderstorm Wind (G50)
	Several trees blown over in the city.								
Shelby County 5 S Center to Center	20	0200CST			0	0			Thunderstorm Wind (G60)
	Several trees blown down.								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Northeast									
Shelby County 3 S Shelbyville to Shelbyville	20	0210CST			0	0			Thunderstorm Wind (G60)
			Trees and power lines were blown down along Hwy 87.						
Shelby County Newville	20	0300CST			0	0	12K		Lightning
			Lightning struck a tree with 7 cattle under the tree. All 7 were killed.						
Angelina County Lufkin	20	0322CST			0	0			Hail (0.75)
Shelby County 5 E Tenaha to Tenaha	20	0350CST			0	0			Thunderstorm Wind (G60)
			Trees and power lines were blown down along Hwy 84.						
TEXAS, South									
Hidalgo County Mission	25	1105CST 1106CST			1	2			Lightning
			Lightning struck three men eating lunch in the bed of a pickup. M46VE						
Cameron County La Feria	25	1200CST 1400CST			0	0			Heavy Rain
			Four to seven inches rain caused local flooding.						
TEXAS, South Central									
TXZ171>173-183>194- 202>209-217>225-228			Llano - Burnet - Williamson - Val Verde - Edwards - Real - Kerr - Bandera - Gillespie - Kendall - Blanco - Hays - Travis - Bastrop - Lee - Kinney - Uvalde - Medina - Bexar - Comal - Guadalupe - Caldwell - Fayette - Maverick - Zavala - Frio - Atascosa - Wilson - Karnes - Gonzales - De Witt - Lavaca - Dimmit						
	01 30	0001CST 2359CST			0	0	20M	40M	Drought
			Drought persisted through June across South Central Texas. Monthly damages are based on the estimated annual loss to agriculture across all of Texas through this year. Property damages do not include business or commercial revenue losses.						
Frio County Countywide	01	0218CST 0250CST			0	0			Flash Flood
			Sheriff reports US81 and IH35 bridges under water.						
Dimmit County Northern Part	01	0230CST 0400CST			0	0			Flash Flood
			Rainfall of up to 6 inches across the north part of the county.						
Lee County Countywide	01	1730CST 1900CST			0	0			Flash Flood
			Brief flooding of low areas due to 3 inch rainfall in 1 hour.						
Gillespie County Doss	01	1740CST 1745CST			0	0			Hail (1.50)
Williamson County 3 N Jarrell	02	1320CST 1330CST			0	0	5K	0	Thunderstorm Wind
			Gusts estimated at over 60 mph damaged trees and homes.						
Bexar County 5 SE San Antonio	02	1827CST 1830CST			0	0			Hail (0.75)
Real County Countywide	02	1830CST 1930CST			0	0			Flash Flood
			Rainfall of up to 4 inches in 1 hour produced widespread but brief flooding.						
Bexar County 5 NE San Antonio	02	1845CST 1850CST			0	0			Hail (1.75)
Guadalupe County Nws Office	02	1859CST 1902CST			0	0			Thunderstorm Wind (G63)
Kerr County Kerrville	02	1900CST 1910CST			0	0	50K	0	Thunderstorm Wind
			Trees blown over, damage to automobiles.						

Storm Data and Unusual Weather Phenomena

June 1996

		Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Crops	Character of Storm	June 1996
Location		Date									
<u>TEXAS, South Central</u>											
Comal County New Braunfels		02	1910CST 1915CST			0	0			Hail (0.75)	
Comal County New Braunfels		02	1935CST 1940CST			0	0	5K	0	Thunderstorm Wind	
Trees blown down in the city of New Braunfels.											
Kerr County Ingram		02	1940CST 1945CST			0	0	30K	0	Hail	
Trees and power lines knocked over in Ingram.											
Lavaca County Moulton		02	2020CST 2025CST			0	0			Hail (0.75)	
Bexar County San Antonio		02	2030CST 2035CST			0	0	20K	0	Thunderstorm Wind	
Trees blown over by high winds.											
Bandera County Bandera		02	2030CST 2035CST			0	0			Hail (1.00)	
Medina County Hondo		02	2100CST 2200CST			0	0			Flash Flood	
Caldwell County Mc Mahan		02	2220CST 2230CST			0	0	5K	0	Thunderstorm Wind	
Caldwell County Mc Mahan		02	2220CST 2225CST			0	0			Hail (0.88)	
Wilson County Floresville		02	2330CST 2340CST			0	0	80K	0	Thunderstorm Wind	
Trees and mobile homes knocked over. An 18-foot trailer damaged.											
Lavaca County Moulton		03	1745CST 1750CST			0	0			Hail (1.00)	
Burnet County Buchanan Dam		04	0210CST 0220CST			0	0			Thunderstorm Wind (G52)	
Travis County Austin		04	0405CST 0415CST			0	0			Thunderstorm Wind (G57)	
De Witt County Cuero		13	1620CST 1630CST			0	0	10K	0	Thunderstorm Wind	
Trees blown over in Cuero.											
De Witt County Cuero		13	1620CST 1625CST			0	0			Hail (0.75)	
De Witt County Cuero		26	1000CST 1100CST			0	0			Flash Flood	
Fayette County Schulenburg		26	1100CST 1200CST			0	0			Flash Flood	
Lavaca County Countywide		26	1100CST 1400CST			0	0	50K	10K	Flash Flood	
Flash flooding developed due to 4" to 7" of rain in 3 hours.											
<u>TEXAS, South Panhandle</u>											
TXZ021>044		Parmer - Castro - Swisher - Briscoe - Hall - Childress - Bailey - Lamb - Hale - Floyd - Motley - Cottle - Cochran - Hockley - Lubbock - Crosby - Dickens - King - Yoakum - Terry - Lynn - Garza - Kent - Stonewall									
		01 30	0000CST 2300CST			0	0	2.4M	12M	Drought	
Despite periodic thunderstorms this month, the long drought continued across the extreme southern Texas Panhandle, the South Plains, and the Low Rolling Plains. The very dry weather adversely impacted the early cotton crop that dominates this area.											
Swisher County 2 W Tulia		02	1652CST 1655CST			0	0	0	0	Hail (0.75)	

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
Killed	Injured	Property	Crops							
TEXAS, South Panhandle										
Parmer County										
Bovina	02	1700CST 1705CST			0	0	0	0	Hail (1.00)	
Swisher County										
Tulia	02	1709CST 1715CST			0	0	0	0	Hail (1.00)	
Parmer County										
15 E Farwell	02	1715CST 1720CST			0	0			Hail (1.75)	
Swisher County										
2 N Tulia	02	1719CST 1725CST			0	0	0	0	Hail (0.75)	
Swisher County										
Tulia	02	1740CST 1745CST			0	0	0	0	Hail (1.00)	
Hall County										
Brice	02	1745CST 1748CST			0	0			Hail (1.75)	
Bailey County										
Muleshoe	02	1807CST 1810CST			0	0			Hail (1.75)	
Hall County										
10 N Turkey	02	1818CST 1820CST			0	0	10K	50K	Hail (1.75)	
Hale County										
11 E Hale Center	02	1830CST 1835CST			0	0	0	0	Thunderstorm Wind (G50)	
Hall County										
Turkey	02	1844CST 1845CST			0	0	0	0	Hail (0.75)	
Hale County										
1 S Petersburg	02	1858CST 1900CST			0	0	0	10K	Hail (1.75)	
Cochran County										
6 SW Morton	02	1915CST 1920CST			0	0	0	50K	Hail (1.75)	
Lubbock County										
Idalou	02	1940CST 1946CST			0	0	10K	25K	Hail (1.75)	
Cochran County										
.5 E Morton	02	1940CST 1945CST			0	0	25K	25K	Hail (1.75)	
Swisher County										
3 N Tulia	02	1945CST 1950CST			0	0	0		Hail (0.88)	
Swisher County										
Tulia	02	1954CST 2000CST			0	0	0	0	Hail (0.75)	
Yoakum County										
Plains	02	2002CST 2014CST			0	0	0	25K	Hail (1.75)	
Lubbock County										
13 SE Lubbock Intl Arpt	02	2018CST 2025CST			0	0	10K	0	Hail (1.50)	
Lubbock County										
Posey	02	2018CST 2020CST	0.1	10	0	0	0	0	Tornado (F0)	
Hockley County										
5 NW Pettit	02	2020CST 2025CST			0	0	15K	20K	Hail (1.75)	
Lubbock County										
Posey	02	2022CST 2025CST			0	0			Hail (1.75)	
Yoakum County										
3 N Denver City	02	2033CST 2040CST			0	0	50K	25K	Hail (1.75)	
Yoakum County										
1 E Denver City	02	2040CST 2045CST			0	1	2.5M		Hail (4.00)	

Storm Data and Unusual Weather Phenomena

Time Local	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
TEXAS, South Panhandle									
Crosby County Ralls	02	2046CST 2050CST			0	0	0	0	Hail (1.00)
Crosby County 5 SE Ralls	02	2053CST 2055CST			0	0	0		Hail (1.00)
Yoakum County Denver City	02	2055CST 2100CST			0	0	500K		Hail (1.75)
Crosby County 7 S Crosbyton	02	2107CST 2110CST			0	0	0		Hail (1.75)
Bailey County Bula	02	2115CST 2120CST			0	0	0		Hail (1.75)
Lamb County 14 SSW Sudan	02	2120CST 2125CST			0	0	0	25K	Hail (1.75)
Severe storms affected most counties across the western and central Texas South Plains during the evening of the 2nd. One brief, weak tornado was reported by spotters in southeast Lubbock County at Posey. There were numerous reports of up to golfball-size hail, which caused scattered property damage and crop damage. However, much larger hail (up to grapefruit-size!) fell in and near Denver City. Extensive damage occurred to hundreds of vehicles and buildings. One female was injured by the large hail as she rushed toward a tornado shelter. She suffered a gash on her head.									
Swisher County Happy	03	0655CST 0700CST			0	0	0	0	Hail (0.75)
Motley County 6 E Roaring Spgs	03	1910CST 1915CST			0	0	0		Hail (1.75)
The public reported dime-size hail in Happy on the moring of the 3rd. Later that evening, golfball-size hail fell east of Afton in Dickens County and golfball-size hail covered the ground 6 miles east of Roaring Springs in Motley County. No damages were reported.									
Dickens County 4 E Afton	03	1920CST 1923CST			0	0	0	0	Hail (1.75)
Lynn County 9 ENE Wilson	03	2130CST 2131CST			0	0		0	Thunderstorm Wind (G55)
A NWS cooperative observer reported a gust to 55 knots and a tree was uprooted about 9 miles east-northeast of Wilson in northeast Lynn County at 2130 CST.									
Hall County Memphis	04	2010CST 2013CST			0	0	15K	0	Thunderstorm Wind
Childress County Carey	04	2030CST 2032CST			0	0	5K	0	Thunderstorm Wind
Hall County Turkey	04	2058CST 2100CST			0	0			Hail (1.75)
Motley County Flomot	04	2108CST 2113CST			0	0	0		Hail (1.75)
Motley County 5 N Matador	04	2130CST 2135CST			0	0	0	0	Hail (0.88)
High winds uprooted a few trees, blew down fences, and heavily damaged one structure in Memphis. The public reported large tree limbs blown down at Carey in Childress County, and up to golfball-size hail at Turkey in Hall County. Large hail was also reported in Flomot and north of Matador, though apparently no damage resulted.									
Garza County 1 E Post	07	0130CST 0132CST			0	0	0	0	Hail (1.75)
The Garza County Sheriffs Office reported golfball-size hail near Post at 0130 CST.									
Stonewall County 16 NE Aspermont	11	1735CST 1740CST			0	0	5K		Thunderstorm Wind
The Aspermont Fire Department spotters reported high winds that downed many large tree limbs in extreme northeast Stonewall County.									

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Panhandle										
Hale County 5 E Plainview		11	1830CST 1835CST			0	0		50K	Hail (2.75)
Swisher County 10 SE Tulia		11	1835CST 1838CST			0	0	0		Hail (1.50)
Floyd County Aiken		11	1835CST 1838CST			0	0	0	40K	Hail (2.50)
Hale County 8 SE Plainview		11	1842CST 1845CST			0	0		25K	Hail (1.75)
Hale County 4 E Plainview		11	1846CST 1850CST			0	0		25K	Hail (2.75)
Swisher County 4 SE Tulia		11	1846CST 1850CST			0	0	0		Hail (0.88)
Swisher County 6 S Tulia		11	1910CST 1913CST			0	0			Hail (0.75)
Swisher County Kress		11	1912CST 1915CST			0	0			Hail (0.75)
Swisher County 5 S Tulia		11	1927CST 1930CST			0	0			Hail (1.75)
Hale County 6 W Plainview		11	1950CST 1955CST			0	0	0		Hail (1.75)
Lubbock County 5 NE New Deal		11	2025CST 2030CST			0	0	10K	10K	Hail (1.75)
Lubbock County Idalou		11	2051CST 2055CST			0	0			Hail (1.50)
Lubbock County 5 SE Lubbock Intl Arpt		11	2056CST 2100CST			0	0			Hail (2.75)
Hale County 6 S Hale Center		11	2105CST 2110CST			0	0	0	20K	Hail (1.75)
Lamb County 2 N Springlake		11	2128CST 2130CST			0	0	5K	5K	Thunderstorm Wind
Up to baseball-size hail was reported at several locations east of Plainview. The hail damaged cotton and corn crops. Large hail was also reported at several locations in Swisher County and northeast Lubbock County. High winds blew down a tree and blew away a small barn near Springlake in Lamb County.										
Lubbock County 7 SE Lubbock		13	1615CST 1620CST			0	0	100K	0	Dry Microburst
A microburst over a southeast Lubbock county airport caused an estimated \$100,000 in damages at a hangar/storage building. The structure was a complete loss, and most of its contents (several cars, a bus, one plane) were damaged. Winds were likely marginally severe in this case (nothing else in the area was damaged), and the type of structure ("open-T" hangar without doors) may have also contributed to the damage.										
Lamb County 10 NE Sudan		14	1445CST 1600CST			0	0	0	0	Flash Flood
The Sudan (Lamb County) Police Department reported that several roads in northern Lamb County were flooded from 1445 to 1600 CST.										
Hockley County Pettit		16	1600CST 1605CST			0	0	0	20K	Hail (1.75)
Hockley County Pettit		16	1614CST 1618CST			0	0	5K	0	Thunderstorm Wind
Childress County (Cds)Childress Arpt		16	2030CST 2035CST			0	0	0	0	Thunderstorm Wind (G66)

Storm Data and Unusual Weather Phenomena

June 1996

June 1996									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>TEXAS, South Panhandle</u>									
At the Childress airport, a wind gust to 66 knots (76 mph) was recorded.									
Childress County (Cds)Childress Arpt	18	1830CST 1835CST			0	0	15K	0	Thunderstorm Wind (G50)
Briscoe County Quitaque	18	1900CST 1905CST			0	0			Hail (1.75)
King County 14 N Guthrie	18	2058CST 2100CST			0	0	0	0	Hail (1.75)
King County 1 S Finney	18	2101CST 2105CST			0	0	0	0	Hail (0.75)
Strong winds swept across Childress, crushing a porch, tearing a roof from a building, and tearing limbs from trees. The sheriff's office reported golfball-size hail in Quitaque. The King County Sheriff's Office reported dime- and golfball-size hail in the northern part of the county.									
Floyd County 1 S Lockney	25	1840CST 1843CST			0	0	10K	0	Thunderstorm Wind
The Floyd County Sheriff's Office reported wind damage in the western part of the county near Lockney, including a roof blown off a trailer home and several telephone poles blown down.									
<u>TEXAS, Southeast</u>									
Jasper County Magnolia Spgs	04	1809CST			0	0	25K		Thunderstorm Wind
Several trees were blown down, and minor roof damage to two barns.									
Hardin County Honey Is	13	1645CST			0	0	5K		Thunderstorm Wind
Several trees were blown down on power lines.									
<u>TEXAS, West</u>									
Dawson County Patricia	02	1502CST			0	0			Hail (1.00)
Crane County 5 W Crane	02	1722CST			0	0			Thunderstorm Wind (G52)
Upton County 1 NE Mc Camey	02	1839CST			0	0	10K		Hail (1.75)
The Northeast part of McCamey sustained the worst damage including broken windows, roof damage, and paint damage to structures.									
Pecos County 3 NE Imperial	02	1949CST			0	0			Hail (1.00)
Pecos County Imperial	02	2002CST			0	0			Hail (0.75)
Ward County 5 S Monahans	02	2012CST			0	0			Hail (0.75)
Ward County 3 S Monahans	02	2023CST			0	0			Hail (1.75)
Ward County 1 S Grandfalls	02	2023CST			0	0			Hail (1.75)
Gaines County 14 W Seagraves	02	2107CST			0	0			Hail (1.75)
Gaines County Higginbotham	02	2108CST			0	0			Hail (1.00)
Gaines County 12 NW Seminole	02	2110CST			0	0	10K		Hail (2.75)
Baseball size hail broke windows and damaged the roof of the Pioneer Gin, 12 miles northwest of Seminole.									
Gaines County 9 W Seminole	02	2115CST			0	0	10K	17M	Hail (4.00)
Hail as large as 4 inches in diameter pummeled the western third of Gaines county, destoying an estimated 80,000 to 90,000 acres of crops that included cotton, peanuts, and chile peppers. The windshield of a Seminole Fire Department truck was broken by the large hail while the firemen were out spotting the storm.									
Ector County Odessa	02	2205CST			0	0			Hail (0.75)
Winkler County 5 NE (Ink)Winkler Co Arpt	02	2206CST			0	0			Thunderstorm Wind (G70)
Ector County Odessa	02	2218CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
TEXAS, West									
Andrews County 5 W Andrews	02	2234CST			0	0			Thunderstorm Wind (G61)
Ward County Pyote	06	1659CST			0	0			Thunderstorm Wind (G57)
		Several trees were blown down from downburst winds from a thunderstorm. The winds were estimated at 60-70 mph by Sheriffs Deputies.							
Ector County 8 W Odessa	06	2205CST			0	0			Hail (1.75)
Ector County 5 S Odessa	06	2225CST			0	0			Hail (0.75)
Borden County 12 E Gail	07	0230CST			0	0			Hail (1.00)
		A hot afternoon with temperatures over 100 degrees for much of the region and dew points in the lower to mid 50s supplied the energy to form brief severe thunderstorms in a weak northwesterly flow. Most of the hail produced was one inch in diameter or less.							
Ward County Monahans	14	1515CST			0	0	5K		Thunderstorm Wind (G52)
		Trees and powerlines were downed by thunderstorm outflow winds that were estimated at 60 mph.							
Reeves County 3 S Pecos	16	1900CST			0	0	20K		Thunderstorm Wind
		A severe thunderstorm that was centered south Pecos sent out downburst winds that caused light damage across the southern parts of the city. The damage included a light pole snapped, roof damage at an apartment complex and at several residents' houses, and a Pharmacy store sign blown down.							
Brewster County Alpine	23	1330CST			0	0			Hail (0.88)
Andrews County 12 W Andrews	25	2007CST 2200CST			0	0			Flash Flood
		Heavy rains during the afternoon and evening resulted in flooding over portion of western Andrews County. Doppler rainfall estimates were over 5 inches. Although no measurements could be found in the area, with no hail reports on this day, it was felt that the 5 inch total was probably a good estimate.							
Winkler County Winkler Co Arpt	27	1430CST			0	0			Thunderstorm Wind (G60)
TEXAS, Western North									
TXZ084-086>087	Foard	Wichita - Knox							
	03	1835CST 2020CST			0	0			Summary Of June 3
		Evening severe thunderstorms produced hail as large as nickels in Benjamin in Knox County and wind gusts to 67 mph, measured at Sheppard Air Force Base in Wichita County. See following individual Storm Data entries for additional reports and further details.							
Foard County Crowell	03	1837CST			0	0			Hail (0.75)
Knox County Benjamin	03	2000CST			0	0			Hail (0.88)
Wichita County Wichita Falls	03	2007CST			0	0			Thunderstorm Wind (G50)
		measured at the local television station (Channel 6)							
Wichita County Sheppard Afb	03	2018CST			0	0			Thunderstorm Wind (G58)
TXZ086>087-090	Wichita	Knox - Clay							
	06	1940CST 2300CST			0	0			Summary Of June 6
		Evening severe thunderstorms produced hail as large as quarters in Electra in Wichita County and in Knox City in Knox County. See following individual Storm Data entries for additional reports and further details.							
Clay County Petrolia	06	1945CST			0	0			Hail (0.75)
Wichita County Electra	06	2113CST			0	0			Hail (1.00)
Knox County Knox City	06	2300CST			0	0			Hail (1.00)
TXZ086	Wichita	Knox - Clay							
	10	0150CST 0300CST			0	0			Summary Of June 10
		Lightning from early morning thunderstorms struck and set fire to two homes in Wichita County, one in Kamay and one in Wichita Falls. See following individual Storm Data entries for additional reports and further details.							

Storm Data and Unusual Weather Phenomena

[illegible]

TEXAS, Western North

Wichita County							
Wichita Falls	10	0155CST	0	0	750K	Lightning	

Wichita Falls	10	0155CST	0	0	750K	Lightning
Lightning struck a large brick house, setting the wood-shingled roof of the house and the car inside the garage on fire. The house and its contents, valued at \$750,000, were destroyed.						

Wichita County							
Kamav	10	0300CST		0	0	50K	Lightning

Kamay	10	0300CST	0	0	50K	Lightning
Lightning struck and set fire to a home in Kamay, burning it to the ground.						

TXZ085>086 Wilbarger - Wichita

13	1605CST	0	0	Summary Of June 13
	1730CST			

Evening severe thunderstorms produced 3/4 inch hail east of Harold in Wilbarger County and damaging wind gusts to 60 mph in Wichita Falls in Wichita County. See following individual Storm Data entries for additional reports and further details.

Wilbarger County						
3 E Harold	13	1610CST	0	0		Hail (0.75)

3 E Harold	13	1610CST	0	0	Hail (0.75)
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Wichita County							
Wichita Falls	13	1715CST	0	0	1.5K	Thunderstorm Wind (G52)	

Wichita Falls	13	1715CST 1730CST	0	0	1.5K	Thunderstorm Wind (G52)
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Severe thunderstorm winds over 60 mph damaged fences and trees and blew a door off a metal building.

Clay County						
10 W Bluegrove	14	1850CST	0	0		Hail (0.88)

10 W Bluegrove	14	1850CST	0	0	Hail (0.88)
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TXZ083-085>086 Hardeman - Wilbarger - Wichita

18	1920CST 2010CST	0	0	Summary Of June 18
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Evening severe thunderstorms produced strong and damaging winds. The strongest wind gusts were estimated at 85 mph in Vernon in Wilbarger County. Damage was reported in Electra in Wichita County. See following individual Storm Data entries for additional reports and further details.

Hardeman County						
Chillicothe	18	1925CST	0	0		Thunderstorm Wind (G52)

Chillicothe	18	1925CST	0	0	Thunderstorm Wind (G52)
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Wilbarger County	18	1950CST	0	0	Thunderstorm Wind (G72)
Vernon	18	1950CST	0	0	Thunderstorm Wind (G74)

Vernon	18	1950CST	0	0	Thunderstorm Wind (G74)
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Wichita County	18	2000CST	0	0	Thunderstorm Wind (374)
Electra	18	2000CST	0	0	15K Thunderstorm Wind

Electra	18	2000CST	0	0	15K	Thunderstorm Wind
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Severe thunderstorm winds destroyed an unanchored trailer.

Wilbarger County					
Oklahoma	18	2010CST	0	0	Thunderstorm Wind (G52)

Oklaunion	18	2010CST	0	0	Thunderstorm Wind (G52)
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UTAH, North, Central and South

Salt Lake County						
Magna	20	1602MST	0	0	0	Hail (0.75)

Magna	20	1602MST 1620MST	0	0	Hail (0.75)
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A severe thunderstorm moved through the western Salt Lake Valley during the late afternoon hours. Three-quarter inch hail fell on the towns of Magna, West Valley and South Jordan within 20 minutes. No damage was reported from this hail.

Wayne County						
(4Hv)Hanksville	20	1715MST	0	0		Thunderstorm Wind (G55)

(4Hv)Hanksville	20	1715MST 1730MST	0	0	Thunderstorm Wind (G55)
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As the cold front continued to move through Utah yet another severe thunderstorm developed and moved through the Hanksville area in Wayne county. An experienced weather observer measured a wind gust to 63 mph (55 kts) from this storm. Several trees fell into telephone and power lines causing outages.

Duchesne County						
Near Bridgeland	20	1840MST	0	0		Tstm Wind/Hail

Near Bridgeland	20	1840MST 1855MST	0	0	Tstm Wind/Hail
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A cold front moved through Utah helping to develop another severe thunderstorm in Duchesne county. A weather spotter near Bridgeland measured three-quarter inch hail from this storm. The county sheriff's department reported that several large tree limbs were downed by what they estimated to be 60 mph (52 kts) wind gusts.

San Juan County						
(4B) Blanding Muni A	20	1910MST	0	0	Thunderstorm Wind (G68)	

(4Bl)Blanding Muni A	20	1910MST 1925MST	0	0	Thunderstorm Wind (G68)
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Finally as the front exited southeast Utah, one more severe thunderstorm left its mark. The weather observer in Blanding measured a 78 mph (66 kts) wind gust. This microburst wind gust put a 55-foot trailer on its side. Numerous trees and tree limbs were downed causing power and phone service outages.

Juab County						
Levan	21	1055MST		0	0	Hail (0.75)

Levan	21	1055MST 1104MST	0	0	Hail (0.75)
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The airmass over Utah remained very unstable and another day of sever weather took place. Numerous large hail reports were received. The first report of the day was due to a severe thunderstorm in Juab county. A weather spotter in Levan received three-quarter inch hail.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>VERMONT, North and Central</u>									
Addison County East Middlebury	10	1940EST 2100EST			0	0	10K		Flash Flood
A stationary frontal boundary across Northern New York into central Vermont resulted in late afternoon and evening thunderstorms across the area. The front acted as a trigger for some of the thunderstorms to focus locally heavy rain in Addison County, Vermont with Flash Flooding reported.									
Road washouts were reported in the Ripton and East Middlebury areas around 740 PM EST.									
Addison County Ripton	10	1940EST 2100EST			0	0	10K		Flash Flood
Addison County Shoreham	11	2050EST 2100EST			0	0	5K		Thunderstorm Wind
A trough of low pressure moved across Northern New York and Vermont during the day of Tuesday, June 11, 1996. This trough acted to trigger scattered thunderstorms across portions of Vermont.									
Addison County of Vermont expereinced damaging thunderstorm winds and large hail during the evening. A few trees were blown down in Shoreham on Rte 74W and hail 075 inch in diameter was reported near Shoreham.									
Addison County 1 W Shoreham	11	2050EST 2055EST			0	0			Hail (0.75)
Windsor County Reading	12	1240EST 1245EST			0	0			Hail (0.75)
A trough of low pressure moved across Northern New York and Vermont on June 12, 1996 acting as a focus to trigger afternoon and nighttime thunderstorms.									
These storms were accompanied by locally strong winds and heavy rain with some flooding. There were numerous reports of dangerous lightning (1 death and 1 injury) with cloud to ground lightning strikes. A dozen trees were blown down in West Charleston.									
Orleans County West Charleston	12	1440EST 1450EST			0	0	10K	10K	Thunderstorm Wind
Windsor County Chester	12	1705EST 1800EST			0	0	250K		Flash Flood
Washington County Barre	12	1830EST 1845EST			1	1			Lightning
F17BF									
Washington County Barre	12	1840EST 1850EST			0	0	10K		Thunderstorm Wind
Washington County East Montpelier	12	1845EST 1850EST			0	0			Small Hail
Washington County East Montpelier	12	2015EST 2100EST			0	0	15K		Flash Flood
Chittenden County Westford	12	2135EST 2140EST			0	0			Small Hail
Rutland County Mt Holly	13	1450EST 1500EST			0	0			Hail (0.75)
Windsor County Tyson	13	1515EST 1700EST			0	0	15K		Flash Flood
An area of weak low pressure moved across northern portions of New York and Vermont during Thursday June 13, 1996. The associated trough and wind shift acted to focus afternoon and evening thunderstorms across all of Vermont. Some of these thunderstorms were accompanied by heavy rain with local flooding, and strong winds with trees and power lines blown down.									
Windsor County Ludlow	13	1521EST 1800EST			0	0	15K		Flash Flood
Addison County Middlebury	13	1645EST 1655EST			0	0	20K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
<u>VERMONT, North and Central</u>									
Rutland County Hubbardton	13	1645EST 1650EST			0	0	10K		Thunderstorm Wind
Addison County Middlebury	13	1645EST 1745EST			0	0	10K		Flash Flood
Rutland County Brandon	13	1645EST 1740EST			0	0	10K		Flash Flood
Rutland County Brandon	13	1700EST 1710EST			0	0	5K		Thunderstorm Wind
<u>VERMONT, South</u>									
Windham County Grafton	12	1700EST 2000EST			0	0	150K		Flash Flood
On June 12, a very moist and unstable atmosphere was situated over Vermont. This resulted in torrential rains from training thunderstorms which dumped approximately 6 inches (radar estimate) of rain near Grafton in Windham County. Flash flooding occurred at Grafton during the late afternoon and early evening. Several roads were washed out. Route 35 between Grafton and Townshend was closed and some sections were washed out. A home near Stiles Brook, about 3 miles south of Grafton, was inundated with water and mud as the brook jumped its banks.									
Windham County Grafton	13	1400EST 1900EST			0	0	1M		Flash Flood
A very moist and unstable atmosphere remained over Vermont on June 13. This produced a second straight day of torrential rains from training thunderstorms in the Grafton area, which resulted in disastrous flash flooding. The governor declared Grafton a disaster area and the Vermont National Guard was called in to assist in repairing roads. Grafton was completely isolated with all roads made impassable by washouts. Routes 35 and 121 were washed out in several sections. The Saxtons River reached its third highest stage. A 250 pound propane gas tank was washed away. Several bridges were severely damaged. Fourteen homes were affected by the flooding with three sustaining severe damage. The worst damage occurred at the Bahrlic House which dated from the mid 1800s. Rocks and mud were piled up to the back windows on the main floor.									
<u>VIRGIN ISLANDS</u>									
NONE REPORTED.									
<u>VIRGINIA, East</u>									
Essex County Tappahannock	04	1700EST			0	0			Hail (1.00)
Hanover County Countywide	04	1730EST			0	0	3K		Thunderstorm Wind
Several trees downed throughout the county.									
Henrico County Sandston	04	2030EST			0	0			Hail (0.75)
Southampton County Sebrell	11	1900EST 2200EST			0	0			Flash Flood
Four to five inches of rain occurred within three hours throughout northern and western portions of the county. Due to this rainfall, several roads were closed because of high water in the Sebrell area.									
Southampton County Sebrell	11	2130EST			0	0	3K		Thunderstorm Wind
Several 2-3 foot diameter trees downed in narrow path about 200 feet wide near the Nottoway River.									
Southampton County Courtland	12	1830EST			0	0			Hail (0.75)
Southampton County Courtland	12	1830EST			0	0	10K		Thunderstorm Wind
Equipment shed roof (16'x 40') blown down into substation. Lightning rod was bent 45 degrees in the air.									
York County Grafton	12	1910EST			0	0			Hail (0.75)
Isle Of Wight County 3 NW Windsor	12	1915EST			0	0	2K		Thunderstorm Wind
Several trees uprooted onto wires near the Blackwater River.									
Isle Of Wight County Smithfield	15	1518EST			0	0	3K		Thunderstorm Wind
Numerous trees downed.									
Isle Of Wight County .5 S Smithfield	15	1520EST			0	0	3K		Thunderstorm Wind
Two telephone poles downed on Route 258.									

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Damage	Crops	Character of Storm
VIRGINIA, East										
Sussex County										
1 NW Wakefield	15	1620EST			0	0				Hail (0.88)
	Nickle size hail occurred at NWSO Wakefield.									
Southampton County										
Ivor	15	1640EST			0	0	4K			Thunderstorm Wind
	Three trees downed onto Route 460 and one tree blown down onto Route 620.									
Norfolk (C)										
Norfolk	16	1500EST			0	0	2K			Lightning
	Lightning strike knocked down a large oak tree which was in the front yard of a residence. The tree fell onto a road and police had to close one side of the street for about two hours.									
Norfolk (C)										
Ocean View	18	1600EST 1900EST			0	0				Urban/Sml Stream Fld
	Two to three inches of rain within a two hour period caused flooding of several roads, especially underpasses, in the Ocean View and Willoughby Spit sections of Norfolk.									
Virginia Beach (C)										
Virginia Beach	18	1700EST 2000EST			0	0	10K			Urban/Sml Stream Fld
	Two to four inches of rain within a two hour period resulted in flooding of several roads near the Little Creek Amphibious Base. In the Lynnhaven and Oceanfront sections of Northern Virginia Beach, numerous roads were flooded resulting in cars under water and stranded motorists. In addition, the flat roof of a local business collapsed due to the weight of the rainwater.									
Virginia Beach (C)										
Virginia Beach	20	1430EST 1630EST			0	0				Urban/Sml Stream Fld
	Three inches of rain in one hour produced flooding of several roads in the Alanton and Oceana sections of Virginia Beach.									
Newport News (C)										
Newport News	20	1630EST			0	0				Lightning
	Lightning strike knocked out power to 1,500 customers in the Eastwood Drive and Colony Road area of Newport News.									
Isle Of Wight County										
Smithfield	20	1900EST			0	0				Lightning
	Lightning strike knocked out power to 5,600 customers in the Smithfield area.									
Southampton County										
Courtland	20	1943EST			0	0				Hail (0.75)
Southampton County										
Capron	20	2011EST			0	0	2K			Thunderstorm Wind
	Several trees downed.									
Henrico County										
2 SW Glen Allen	24	1630EST 1800EST			0	0	500K			Lightning
	Lightning strikes caused fires which heavily damaged two apartment buildings at the Westbury Apartments and Townhouses. Eighteen apartments were damaged in the fires and 25 to 30 residents were displaced.									
Petersburg (C)										
Petersburg	24	1635EST			0	0				Hail (1.00)
Colonial Heights (C)										
Colonial Hgts	24	1635EST			0	0				Hail (1.00)
Prince George County										
Jefferson Park	24	1645EST			0	0				Hail (1.00)
Hanover County										
Ashland	24	1645EST			0	0	4K			Thunderstorm Wind
	Numerous trees blown down.									
Prince Edward County										
Countywide	24	1645EST 1700EST			0	0	5K			Thunderstorm Wind
	Numerous trees were uprooted and blown onto power lines throughout the county.									
Prince George County										
Prince George	24	1648EST			0	0				Hail (0.88)
Sussex County										
5 NW Waverly	24	1650EST			0	0	3K			Thunderstorm Wind
	Several trees blown down across road at intersection of Route 460 and 602.									
Nottoway County										
Countywide	24	1700EST 1715EST			0	0	5K			Thunderstorm Wind
	Numerous trees were uprooted and blown onto power lines throughout the county.									
Chesterfield County										
Chesterfield	24	1700EST 1830EST			0	0	77K			Lightning
	Lightning strikes caused fires which damaged four homes and a large outdoor storage shed.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
VIRGINIA, East									
Hanover County 5 E Ashland	24	1715EST			0	0	4K		Thunderstorm Wind
	Numerous trees blown onto power lines.								
Sussex County Waverly	24	1715EST			0	0	2K		Thunderstorm Wind
	Several trees blown down around Warwick Swamp on the outskirts of Waverly.								
Sussex County Wakefield	24	1715EST			0	0			Hail (1.00)
	Quarter size hail occurred at NWSO Wakefield.								
Caroline County Bowling Green	24	1720EST			0	0	3K		Thunderstorm Wind
	Several trees blown down and blocking roads.								
Westmoreland County 1 NE Baynesville	24	1725EST 1740EST	1	70	0	0	170K		Tornado (F0)
	Brief tornado touched down at Westmoreland State Park. Numerous trees and power lines were downed throughout the park. Roofs of three cabins were damaged by downed trees. One cabin suffered the most damage as a large tree trunk crashed through the roof, damaging the rafters and inside walls of the kitchen and a bedroom.								
Caroline County Corbin	24	1726EST			0	0	3K		Thunderstorm Wind
	Tree blown down onto car.								
Sussex County Waverly	24	1730EST			0	0	5K		Thunderstorm Wind
	Several trees blown down onto a grain elevator.								
Dinwiddie County Carson	24	1742EST			0	0			Hail (0.88)
Sussex County Stony Creek	24	1742EST			0	0			Hail (0.88)
Chesterfield County Chester	24	1806EST 1810EST			0	0			Hail (1.00)
	Quarter size hail occurred in eastern Chesterfield county around the Chester area, including a report at the John Tyler Community College.								
Henrico County Tuckahoe	24	1810EST 1815EST			0	0	5K		Thunderstorm Wind
	Several trees blown down near Collegiate school and at intersection of Parham and Ridge roads.								
Richmond (C) Richmond	24	1836EST			0	0			Hail (0.75)
Richmond (C) Richmond	24	1840EST			0	0	3K		Thunderstorm Wind
	Several trees blown down off Patterson Avenue.								
Charles City (C) Roxbury	24	1842EST			0	0	2K		Thunderstorm Wind
	Several trees blown down at intersection of Route 106 and 609.								
Amelia County Jetersville	24	1847EST			0	0	3K		Thunderstorm Wind
	Numerous trees blown down onto Route 1101.								
Chesterfield County Chesterfield	24	1854EST			0	0			Hail (0.75)
Surry County Surry	24	1905EST			0	0	2K		Thunderstorm Wind
	Several trees blown down.								
Hopewell (C) Hopewell	24	1910EST			0	0	3K		Thunderstorm Wind
	Several trees blown down.								
Prince George County Prince George	24	1925EST			0	0	3K		Thunderstorm Wind
	Several trees blown down around intersection of Route 156 and Sandy Ridge Road.								
Isle Of Wight County 3 N Isle Of Wight	24	1937EST			0	0			Hail (1.00)
Emporia County Emporia	24	2010EST			0	0	3K		Thunderstorm Wind
	Several trees blown down.								
Accomack County Chincoteague	24	2022EST			0	0			Thunderstorm Wind (G51)

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage Crops	Character of Storm
<u>VIRGINIA, East</u>									
Portsmouth (C)									
Portsmouth	24	2045EST			0	0			Hail (1.75)
Sussex County									
2 W Stony Creek	24	2055EST			0	0	2K		Thunderstorm Wind
			Several trees blown down.						
Norfolk (C)									
Norfolk	24	2100EST			0	0			Hail (1.75)
Norfolk (C)									
Norfolk	24	2100EST			0	0	10K		Thunderstorm Wind
			Roof partially blown off a house on Minnesota Avenue.						
Virginia Beach (C)									
Virginia Beach	24	2125EST			0	0			Hail (0.75)
			Dime size hail occurred at Bayside Hospital.						
Suffolk (C)									
Whaleyville	24	2130EST			0	0	7K		Thunderstorm Wind
			Several trees and a storage shed blown down near Route 13 and Route 616.						
<u>VIRGINIA, Extreme Southwest</u>									
Scott County									
Weber City to Dungannon	07	1715EST 1720EST			0	0	4K		Thunderstorm Wind
			Several trees were knocked down.						
Scott County									
Ft Blackmore	09	1800EST			0	0	4K		Thunderstorm Wind
			Several large trees were downed.						
Washington County									
Countywide	24	1230EST 1330EST			0	0	4K		Thunderstorm Wind
			Numerous trees were blown down countywide.						
<u>VIRGINIA, North</u>									
Rappahannock County									
Washington	04	1450EST			0	0			Hail (0.88)
Clarke County									
Countywide	04	1615EST 1625EST			0	0		15K	Hail (1.00)
			Several areas received three-quarter to one inch diamter hail across the county.						
Prince William County									
Independent Hill	04	1617EST			0	0			Hail (1.00)
			Three-quarter to one inch diameter hail fell in the town of Independent Hill.						
Fairfax County									
Springfield to Ft Belvoir	04	1645EST 1700EST			0	0	2K		Hail (1.50)
			A pulse-severe thunderstorm dropped nickel-sized hail at the Springfield Mall. The same storm produced ping-pong sized hail at Fort Belvoir 15 minutes later.						
Fairfax County									
Alexandria	04	1705EST 1710EST			0	0	15K		Thunderstorm Wind
			The same severe storm which earlier struck southeast Fairfax Co rolled through the city of Alexandria, producing three quarter inch diameter hail and knocking a large maple tree onto a vehicle.						
Loudoun County									
Leesburg	04	1825EST 1830EST			0	0			Hail (1.00)
			One-inch diameter hail covered the ground in a portion of Leesburg.						
Loudoun County									
West Portion	09	1620EST			0	0	3K		Thunderstorm Wind
			Thunderstorm winds knocked down a large tree near Unison, blocking a main thoroughfare. Fallen tree limbs also blocked a road near Waterford.						
Frederick County									
2 S Winchester	09	1845EST 2015EST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
<u>VIRGINIA, North</u>									
Warren County Countywide	09	1915EST 2045EST			0	0			Flash Flood
Rappahannock County Countywide	09	1915EST 2045EST			0	0			Flash Flood
Training thunderstorms dropped between 2 and 3 inches of rain onto saturated ground in portions of the Shenandoah Valley, causing scattered flash flooding. In Rappahannock Co, at least three local roads were closed due to high water near Washington; in Warren Co, three local roads were also closed in different parts of the county. In Frederick Co, just south of Winchester, over 2 inches of rain flooded roads including U.S. 522.									
Loudoun County Leesburg	10	1900EST 2030EST			0	0	10K		Flash Flood
Training thunderstorms dumped at least 3.3 inches of rain in a four-hour period, causing several instances of flash flooding. Several drivers were trapped in their vehicles near Leesburg. A main thoroughfare in eastern Loudoun Co was partially eroded by heavy rainfall. Numerous other thoroughfares which cross state route 7 were closed between Ashburn and Leesburg. Several basements flooded in and around Leesburg.									
Loudoun County Leesburg	10	1930EST			0	0	3K		Lightning
Lightning struck a transformer causing 500 homes to lose power in eastern Loudoun Co.									
Rappahannock County Sperryville	11	1100EST			0	0	5K		Lightning
Lightning struck two homes, causing small electrical fires at both locations.									
Rappahannock County Sperryville	11	1130EST 1230EST			0	0			Flash Flood
A thunderstorm containing torrential rains dumped 1.25 inches onto saturated ground in central Rappahannock Co, causing several instances of high standing water on area roadways. Several roads were temporarily closed.									
Prince William County 2 N Haymarket	11	1240EST 1245EST			0	0	18K		Thunderstorm Wind (G65)
A severe thunderstorm produced wind gusts to 75 mph, blowing down numerous trees and some power lines in the area. Three automobiles were crushed by fallen trees.									
Stafford County Stafford Oaks	11	1700EST			0	0	1K		Lightning
Lightning struck a doghouse in the Stafford Oaks subdivision, killing the pet inside.									
Prince William County Manassas City	14	2120EST 2125EST			0	0	50K		Thunderstorm Wind
Thunderstorm winds estimated at around 80 mph knocked down 18 trees, large limbs, and power lines in and around Manassas City. Downed trees were up to 1 foot in diameter. One tree crushed a fence, and two picnic tables were crushed. One fallen tree pushed a natural gas line into a house, and minor damage to other buildings was reported. In addition, traffic lights were blown off their lines, and trees fell onto power lines causing one-third of the city to lose electricity.									
Prince William County 2 E Aden	14	2140EST 2145EST			0	0	40K		Thunderstorm Wind
The same microburst which struck Manassas City moments earlier destroyed between 50 and 75 trees in a relatively large area of southern Prince William Co near Aden. The trees were a mixture of hard and soft wood deciduous and evergreen. No other property was reported damaged.									
Shenandoah County 3 N Woodstock	16	1930EST 2030EST			0	0	150K		Flash Flood
An intense thunderstorm dumped 3.44 inches of rain at Fetzter's Gap along North Mountain. The runoff caused Pugh's Run to overflow it's banks, as it rose 2 feet in less than an hour. The flash flood washed away sheds and claimed 3 automobiles. Eight individuals had to be rescued from homes along the creek. A restaurant in Woodstock had minor flooding when a small stream spilled over its banks, and a farmer had a fence washed away by high waters. The level of water in one basement rose to 4 feet. A large section of asphalt washed away from local route 642 underneath interstate 81. Several low-water bridges were damaged by flood waters; total cost of highway damage alone was \$90,000.									
Rockingham County Harrisonburg	17	1945EST			0	0	8K		Lightning
A strong thunderstorm produced a lightning strike which damaged an air conditioning unit at a chain restaurant on Carlton St. Elsewhere in town, a well pump and relay system were destroyed by lightning.									

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property Damage	Crops	Character of Storm
VIRGINIA, North									
Rockingham County E Portion	18	1400EST 1515EST			0	0			Flash Flood
A slow-moving thunderstorm, dumping rain at the rate of 1 inch per hour, flooded several roads in eastern Rockingham Co.									
Shenandoah County New Market	18	1515EST 1615EST			0	0			Flash Flood
A small but intense thunderstorm dumped nearly 2 inches of rain in two hours along Smith Creek. In nearby New Market, the heavy rains flooded some roads, with one in particular having standing water 1.5 feet deep.									
Orange County 6 SE Somerset	18	1545EST 1700EST			0	0	10K		Flash Flood
A nearly stationary thunderstorm dumped between 2.5 and 3.5 inches of rain in a 2-hour period onto extreme western Orange Co, producing localized flash flooding. At the Sleepy Hollow Inn, an overflowing creek flooded a bridge. A nearby farm field had 2 inches of water nearly covering the grass. Several trees were knocked down by the raging flood waters along Blue Run.									
Spotsylvania County 2 SE Spotsylvania	18	1730EST 1800EST			0	0	10K		Flash Flood
Merging thunderstorms in Spotsylvania Co produced residential and small stream flooding in the central portion of the county. In the Spots Lee subdivision, water was reported at least 2 feet high. Some small streams were out of their banks a bit farther west.									
Rockingham County W Portion	19	1430EST 1800EST			0	0	15K		Flash Flood
Augusta County Countywide	19	1630EST 1800EST			0	0	10K		Flash Flood
Albemarle County Sw Portion	19	1800EST 2100EST			0	0	10K		Flash Flood
Orange County W Portion	19	1800EST 2100EST			0	0	5K		Flash Flood
Highland County Monterey	19	1900EST 2100EST			0	0	20K		Flash Flood
Redeveloping thunderstorms produced several hours of moderate to heavy rainfall in the central Shenandoah Valley, flooding and/or closing numerous roads in the area during the afternoon and evening of the 19th. In Rockingham Co, rains flooded and closed state route 33 west of Harrisonburg. Portions of other nearby roads were washed out. Later that evening, other state and local roads flooded. In Augusta Co, state route 254 was flooded between Waynesboro and Staunton. Two local routes (691 and 692) near Batesville (Albemarle Co) were under high standing water. Other flooding was reported near Charlottesville. Similar conditions were found in portions of Orange Co, and creeks spilled out of their banks near Monterey (Highland Co).									
Frederick County Winchester	20	1430EST 1500EST			0	0			Flash Flood
An afternoon thunderstorm produced over an inch of rain, causing Cameron and Kent streets to flood in the city of Winchester, with over a foot of water on the road.									
Fauquier County Warrenton	20	1645EST			0	0			Thunderstorm Wind (G52)
An off-duty NWS employee recorded thunderstorm winds of 60 mph.									
Frederick County Stephens City to Winchester	24	1325EST 1330EST			0	0	53K	25K	Thunderstorm Wind
Thunderstorm winds knocked down numerous trees in and around the city of Winchester. Just south of town, a tractor-trailer was blown onto an automobile along federal highway 522. In Stephens City, golfball-sized (1.75 inch diameter) hail fell.									
Frederick County Winchester	24	1330EST			0	0	25K		Lightning
Several damaging lightning strikes occurred in Winchester. One damaged a home in the Greenwood area. Three homes were damaged by lightning in the south end of town. A tree was struck as well, falling into the rear window of an automobile.									

Storm Data and Unusual Weather Phenomena

[illegible]

VIRGINIA, North

Clarke County								
South Portion	24	1341EST	0	0	15K	5K	Thunderstorm Wind	

South Portion	24	1341EST	0	0	15K	5K	Thunderstorm Wind
Thunderstorm winds blew down several trees and power lines in the town of Boyce, as well as in the towns of White Post, Millwood, and Waterloo. One inch diameter hail fell in White Post.							

Shenandoah County						
Woodstock to Strasburg	24	1400EST 1630EST	0	0	130K	Flash Flood

Woodstock to Strasburg	24	1400EST 1630EST	0	0	130K	Flash Flood
<p>Training thunderstorms, aided by an impressive rapid return of tropical moisture ahead of a surface pressure trough, produced a deluge of an estimated 3 to 4 inches of rain in northern Shenandoah Co, causing localized dangerous flash flooding. In one instance, an NWS employee traveling along federal highway 522 and interstate 81 between Woodstock and Strasburg noted very high water flowing across the road.</p>						

In Toms Brook, over nine roads were closed, and 20 secondary roads sustained significant damage. In Strasburg, a house's rear wall was moved. Large areas of Ash street were eroded by the raging waters; guard rails were also washed away.

Warren County								
Front Royal	24	1420EST	0	0	10K	5K	Thunderstorm Wind	

Warren County							
Front Royal	24	1420EST 1430EST	0	0	10K	5K	Thunderstorm Wind
Thunderstorm winds blew down trees and power lines in and around Front Royal. Hail the size of quarters also fell.							

Warren County						
N Portion	24	1430EST	0	0	10K	Lightning

Warren County						
N Portion	24	1430EST 1500EST	0	0	10K	Lightning
Lightning struck three buildings and a utility pole just north of interstate 66 in northern Warren Co.						

Warren County					
N Portion	24	1440EST	0	0	Flash Flood

Warren County N Portion	24	1440EST 1500EST	0	0	Flash Flood
Training thunderstorms caused a short-duration flash flood just north of Front Royal where a spotter reported high flowing water in his front yard.					

Warren County						
Front Royal	24	1450EST	0	0	5K	Thunderstorm Wind

Warren County
Front Royal

24	1450EST	0	0	5K	Thunderstorm Wind
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The storm that would become a heavy precipitation supercell farther east initially produced scattered tree damage near Front Royal.

Fauquier County						
N Portion	24	1500EST	0	0	25K	Lightning

N Portion	24	1500EST 1530EST	0	0	25K	Lightning
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Lightning struck 20 homes, several trees, and a few utility poles in the north portion of the county, including the city of Warrenton.

Loudoun County								
3 W Middleburg to 2 W Middleburg	24	1510EST 1511EST	1	100	0	0	5K	Tornado (F0)

24	1510EST 1511EST	1	100	0	0	5K	Tornado (F0)
<p>A small tornado uprooted a few small trees along federal highway 50 on the Loudoun/Fauquier Co line between Upperville and Middleburg. No other damage was reported.</p>							

Rappahannock County						
Northeast Portion	24	1511EST	0	0	5K	Thunderstorm Wind

Rappahannock County						
Northeast Portion	24	1511EST 1525EST	0	0	5K	Thunderstorm Wind
Scattered trees were knocked down in northeast Rappahannock Co.						

Loudoun County						
W Portion	24	1515EST	0	0	50K	Lightning

W Portion	24	1515EST 1530EST	0	0	50K	Lightning
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Lightning struck between 7 and 10 homes outside of Hamilton. Lightning also struck a barn, setting it ablaze.

Loudoun County								
Extreme Se Portion	24	1540EST	1	100	0	0	15K	Tornado (F0)

Fairfax County								
5 W Centreville to 1.5 W Annandale	24	1541EST 1557EST	19	200	0	1	4M	Tornado (F2)

A tornado, associated with the mesocyclone of a heavy-precipitation supercell, touched down in extreme southeastern Loudoun County near the Bull Run, then proceeded east-southeast for 20 miles, knocking down over 1000 trees and causing substantial property damage, especially in western Fairfax County, before lifting along the Capital Beltway at the Braddock Road interchange less than 2 miles west of Annandale.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
Killed	Injured									

VIRGINIA, North

While moving over rural terrain in extreme southeastern Loudoun and extreme western Fairfax Cos, the tornado uprooted or snapped tens of trees. The storm rapidly intensified over western Fairfax Co, where it produced F2 damage. The storm uprooted or snapped hundreds of trees along Pleasant Valley Road (local route 621) before moving into the Sully Station area of Centreville, where it produced estimated winds of over 130 mph. The most impressive damage occurred along Tree Line Drive, where 11 of 17 homes incurred moderate to major damage. Eight homes were condemned due to major damage or total destruction, including one which lost its entire roof and back wall. Dozens more homes sustained moderate damage, including shingle, siding, chimney, roof, and window damage.

After passing through Sully Station, the twister weakened somewhat, producing F1-rated damage until just south of Fairfax City (near Burke), then weakened to F0 intensity before it was overwhelmed by straight-line winds near the Capital Beltway.

The storm accelerated on an east-southeast track roughly paralleling Braddock Road. Additional damage was incurred to residences and trees from subdivisions west of Fairfax City to just north of Burke (south of Fairfax City), continuing to the Annandale area. The combined efforts of several agencies produced property damage estimates along the track (not including flora) to be \$2.99 million. Included in that total are 323 homes which sustained minor damage. An estimated 80 thousand homes lost power along the track of the tornado in Fairfax Co, with some homes not receiving juice until several days after the event.

Loudoun County 2 SW Leesburg

24	1540EST 1610EST	0	0	8K	Flash Flood
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Downpours on previously saturated soil produced flash flooding in the Leesburg area, where two and one-half inches of rain fell in 45 minutes. One motorist was trapped in his automobile just off federal highway 15 along local route 704; a rescue ensued. The Town Branch in Leesburg overflowed its banks, flooding a parking lot and washing away a portable swimming pool. Several basements were also flooded.

Fairfax County Southwest Portion

24	1541EST 1555EST	0	0	1M	Thunderstorm Wind
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Hundreds of trees and power lines were knocked down, and numerous structures incurred minor damage, as downburst winds associated with a heavy precipitation supercell (and embedded tornado) raced through. The damaging winds were associated with the rear-flank downdraft portion of the storm.

Prince William County Manassas City

24	1545EST 1600EST	0	0	50K	Thunderstorm Wind
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A microburst associated with the rear flank downdraft of the same heavy precipitation supercell which was simultaneously producing a tornado in central Fairfax Co knocked down tens of trees, limbs, and power lines in northern Prince William Co. One thousand customers were without power.

Fairfax County Great Falls

24	1545EST 1555EST	0	0	10K	Thunderstorm Wind
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Several trees were uprooted and snapped, and power lines were knocked down along Walker Road and Beach Mill Road in Great Falls.

Fairfax County Fairfax City

24	1548EST	0	0	2K	Hail (1.75)
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Hail the size of golfballs fell along the track of a heavy-precipitation supercell, mainly in and near Fairfax City.

Fairfax County 1.5 W Annandale to Alexandria

24	1555EST 1610EST	0	0	500K	Thunderstorm Wind
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The tornado which had moved through western and central Fairfax Co became absorbed into the downburst portion of the accelerating supercell, which showed classic bow-echo characteristics as it entered the southeastern quarter of the county. The downburst affected a larger area, including Franconia, as it raced into Alexandria. Substantial damage, in the form of dozens more felled trees and power lines and structural damage (especially in Alexandria) was reported. Debris had to be removed from the above ground portion of Metro between the King Street and Van Dorn stations.

Culpeper County Countywide

24	1600EST 1615EST	0	0	25K	Lightning
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The flanking line of storms southwest of the main supercell produced gusty winds enough to knock down numerous trees and limbs across much of Culpeper Co.

Prince William County Lake Ridge

24	1605EST	0	0	3K	Lightning
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Lightning damaged a chimney on Manchester Lane in Lake Ridge.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		

VIRGINIA, North

Fairfax County Alexandria

24 **1610EST**
1615EST **0** **0** **100K** **Thunderstorm Wind**

Thunderstorm wind gusts caused excessive roof damage to an apartment complex. Nine families were forced to temporarily relocate.

Arlington County National Airport

24 **1610EST**
1621EST **0** **0** **50K** **Thunderstorm Wind (G51)**

A downburst struck extreme southeastern Arlington Co, producing sustained winds of 46 mph with a measured gust to 59 mph at Washington/National Airport (DCA). A USAir shuttle inexplicably departed from the airport at approximately 1615EST, just as the downburst was nearing full strength. One of the plane's wings struck a runway light, causing minor damage. No injuries were reported on the flight. Additional tree and power line damage was noted in the Shirlington/Crystal City area.

Stafford County Countywide

24 **1630EST**
1645EST **0** **0** **5K** **Thunderstorm Wind**

Thunderstorm winds knocked down scattered trees and limbs throughout the county.

Spotsylvania County Wilderness

24 **1650EST** **0** **1** **10K** **Lightning**

A woman was checking the circuit breaker box in her garage when lightning struck. The ensuing power surge slammed the woman against a vehicle, knocking her unconscious for a short period of time.

Spotsylvania County Spotsylvania to Lake Anna

24 **1650EST**
1700EST **0** **0** **90K** **Thunderstorm Wind**

Thunderstorm winds knocked down trees and power lines across southern Spotsylvania Co. Several trees fell onto homes. At Robert E. Lee Elementary school near Spotsylvania, the wind ripped four 12-ton air conditioning units from their bases and tossed them across the roof. The winds also damaged a wall and blew three trash dumpsters through a fence. A roof was blown off a house near Lake Anna.

Rockingham County Timberville to 2 S New Market

24 **1800EST**
1810EST **0** **0** **30K** **Thunderstorm Wind**

Another line of strong to severe thunderstorms developed along the surface pressure trough during the evening, stretching from Washington Co Maryland through Augusta Co Virginia. A few of the storms became severe, including one in northeastern Rockingham Co. In Timberville, gusty winds caused damage to at least one home and dozens of trees. One resident reported hail the size of "aggie" marbles (about 1 inch in diameter). Farther east, along interstate 81, an eighteen-wheeler and its two empty trailers were flipped.

Rockingham County Broadway

24 **1803EST**
1805EST **0.5** **100** **0** **0** **40K** **Tornado (F1)**

A brief tornado, with estimated winds in excess of 72 mph, caused a variety of damage in a small area near Broadway. Several chimneys were blown off homes, and wrought-iron furniture was tossed into a swimming pool. Two homes and two poultry houses lost their roofs. Downed trees and wires were also noted around Broadway and just south of New Market.

VIRGINIA, Northwest

NONE REPORTED.

VIRGINIA, Southwest

Roanoke County Vinton

04 **1245EST** **0** **0** **Hail (0.75)**

Botetourt County Blue Ridge

04 **1255EST** **0** **0** **Hail (0.75)**

Pulaski County Radford

04 **1330EST** **0** **0** **Hail (0.75)**

Bedford County Goode

04 **1400EST** **0** **0** **Hail (0.75)**

Amherst County Madison Heights

04 **1430EST** **0** **0** **Hail (0.88)**

Giles County Pearisburg

04 **1630EST** **0** **0** **Hail (0.75)**

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>VIRGINIA, Southwest</u>									
Giles County Pearisburg	04	1650EST			0	0			Hail (0.75)
									Thunderstorms during the afternoon and early evening hours on the 4th produced hail up to nickel size.
Henry County 3 SE Martinsville	08	2030EST			0	0	1K		Thunderstorm Wind
									An isolated severe thunderstorm in Henry County during the evening hours on the 8th produced damaging winds which destroyed a storage shed 3 miles southeast of Martinsville.
Henry County Northwest Portion	09	1045EST 1515EST			0	0	80K		Flash Flood
Roanoke County Roanoke	09	1055EST 1445EST			0	0			Flash Flood
Patrick County Eastern Portion	09	1110EST 1530EST			0	0			Flash Flood
Franklin County 6 NE Burnt Chimneys	09	1445EST	0.1	30	0	0			Tornado (F2)
Franklin County Countywide	09	1445EST 1615EST			0	0			Flash Flood
Franklin County 7.5 NE Burnt Chimneys	09	1450EST			0	0			Thunderstorm Wind
Bedford County Shady Grove to 1 N Shady Grove	09	1520EST 1523EST	1	15	0	0			Tornado (F1)
Botetourt County Blue Ridge	09	1535EST			0	0	10K		Thunderstorm Wind
									Thunderstorms during the late morning and afternoon hours on the 9th produced two tornadoes, flash flooding and damaging winds.
									An F2 tornado briefly touched down 6 miles northeast of Burnt Chimney at 1445 EST. The tornado destroyed a nearly completed new frame house. Debris from the house was found up to 2 miles away. Large pieces of debris fell through 50 to 80 foot trees up to one-third mile away.
									Another tornado formed near Shady Grove and traveled north approximately one mile before dissipating. This F1 tornado snapped off and uprooted trees and downed power lines.
									Heavy rainfall flooded several homes, destroyed a home, resulted in evacuations and resulted in the closing of several roads along Blackberry Creek in the northwestern portion of Henry County.
									Heavy rainfall resulted in several creeks and streams leaving their banks and flooding nearby roads in Roanoke County, the eastern portion of Patrick County and in the western portion of Franklin County. There were several evacuations along Peters Creek Road in Roanoke County. Water was reported to be 12 to 18 inches deep in Rocky Mount in Franklin County.
									Thunderstorm winds broke off tree limbs 7.5 miles northeast of Burnt Chimney and damaged a barn and destroyed another barn in Blue Ridge.
Patrick County Patrick Springs	09	1745EST 2030EST			0	0			Flash Flood
Carroll County Cana	09	1930EST 2030EST			0	0			Flash Flood
									Thunderstorms during the evening hours on the 9th resulted in flash flooding in Carroll and Patrick Counties.
									Heavy rainfall flooded roads in Patrick Springs and Cana.
Montgomery County Southern Portion	09 10	2330EST 0400EST			0	0			Flash Flood
Patrick County Ararat	10	0100EST 0105EST			0	0	2K		Thunderstorm Wind
									Thunderstorms during the late evening hours on the 9th and early morning hours on the 10th resulted in flash flooding and damaging winds.
									Thunderstorm winds uprooted and snapped off numerous trees in Ararat.

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	
					Killed	Injured	Property	Crops		

VIRGINIA, Southwest

Heavy rainfall resulted in a mudslide and the flooding of a bridge in Montgomery County.

Henry County 3 SSW Axton to 2 S Axton	10	0722EST 0728EST	1.5	60	0	0	80K		Tornado (F1)
Henry County Eastern Portion	10	0800EST 0930EST			0	0			Flash Flood
Pittsylvania County Chatham	10	0815EST 0820EST			0	0	1K		Thunderstorm Wind
Pittsylvania County .5 NW Renan to 1 NNE Renan	10	0845EST 0848EST	1.1	40	0	0	90K		Tornado (F1)

Thunderstorms during the morning hours on the 10th produced two tornadoes, damaging winds and flash flooding.

A tornado developed 3 miles south-southwest of Axton at 0722 EST and traveled 1.5 miles northeast before dissipating 2 miles south of Axton at 0728 EST. This F1 tornado damaged 3 houses, tore the roof off another house, destroyed 6 outbuildings, damaged a barn and a shed, uprooted and snapped off numerous trees and knocked down power lines and power poles.

A second tornado developed 0.5 miles northwest of Renan at 0845 EST and traveled 1.1 miles northeast before dissipating 1 mile north-northeast of Renan at 0848 EST. This F1 tornado broke out windows and tore the roof off a house, damaged the roof of another house, severely damaged one vehicle, damaged two other vehicles, damaged an abandoned school, tore the roof off of two out buildings knocked down power lines and power poles, damaged antennas, and snapped off or uprooted numerous trees.

Thunderstorm winds broke off tree limbs and uprooted trees in portions of Chatham. Tree limbs damaged gutters and shingles of a few homes.

VAZ044-058	Pittsylvania - Halifax								
	10	1700EST			0	0			Flood
	12	2030EST							
VAZ058>059	Halifax - Charlotte								
	11	0300EST			0	0			Flood
	12	1300EST							

Heavy rainfall in portions of southwest and south-central Virginia and northwest North Carolina on the 9th and 10th resulted in minor flooding on the Roanoke and Dan Rivers.

The Roanoke River crested 1 foot above flood stage at Randolph at 2100 EST on the 11th.

The Dan River crested 1 foot above flood stage at Danville at 0700 EST on the 11th, just over flood stage at Paces at 1700 EST on the 11th, and 3.5 feet above flood stage at South Boston at 0345 EST on the 12th.

Rockbridge County South & West Portion	19	1510EST 1630EST			0	0	5K		Flash Flood
Montgomery County 8 NE Blacksburg	19	1515EST 1615EST			0	0			Flash Flood

Thunderstorm during the afternoon hours on the 19th produced heavy rainfall which resulted in flash flooding.

Heavy rainfall in northern portions of Montgomery County resulted in the flooding of the North Fork of the Roanoke River 8 miles northeast of Blacksburg. Several bridges in this area were under water.

Heavy rainfall flooded routes 770 and 250 near Colliertown and route 50 near Glasgow in Rockbridge County. A house was flooded along Black Creek in Colliertown.

Appomattox County Bent Creek	19	1830EST 1900EST			0	0			Flash Flood
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Thunderstorms with heavy rain in central Virginia during the evening hours on the 19th resulted in a mud slide at the intersection of routes 60 and 605 in Bent Creek.

Roanoke County Roanoke	20	1400EST			0	0	20K		Lightning
Patrick County 6 SSE Critz	20	1501EST			0	0			Thunderstorm Wind

Thunderstorms on the 20th produced damaging lightning and damaging winds.

Lightning started a fire which damaged a house in Roanoke.

Storm Data and Unusual Weather Phenomena

June 1996

Location		Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm	June 1996
						Killed	Injured	Property	Crops		
<u>VIRGINIA, Southwest</u>											
Thunderstorm winds broke off tree limbs 6 miles south-southeast of Critz.											
Giles County											
Mountain Lake		24	1300EST			0	0			Hail (1.00)	
Craig County											
3 NW Simmonsville		24	1320EST			0	0			Hail (1.00)	
Craig County											
6 SW Sinking Creek		24	1325EST			0	0			Thunderstorm Wind	
Craig County											
Sinking Creek		24	1330EST			0	0			Thunderstorm Wind	
Craig County											
Paint Bank		24	1330EST			0	0			Thunderstorm Wind	
Giles County											
Mountain Lake		24	1335EST			0	0			Hail (0.88)	
Alleghany County											
Covington		24	1400EST			0	0	2K		Lightning	
Montgomery County											
1 N Blacksburg		24	1400EST			0	0			Hail (0.75)	
Montgomery County											
1 W Blacksburg		24	1408EST			0	0			Hail (0.75)	
Bedford County											
3 ESE Vinton		24	1430EST			0	0			Hail (1.00)	
Roanoke County											
2 ENE Vinton		24	1430EST			0	0			Hail (0.75)	
Botetourt County											
Buchanan		24	1430EST			0	0			Thunderstorm Wind	
Patrick County											
Stuart		24	1430EST			0	0	70K		Lightning	
Bedford County											
Western Portion		24	1435EST 1500EST			0	0			Thunderstorm Wind	
Franklin County											
3 E Ferrum		24	1440EST			0	0			Thunderstorm Wind	
Franklin County											
Ferrum		24	1445EST			0	0			Hail (0.75)	
Carroll County											
East Portion		24	1445EST 1515EST			0	0			Thunderstorm Wind	
Rockbridge County											
4 SW Buena Vista		24	1450EST			0	0			Thunderstorm Wind	
Bedford County											
Montvale		24	1450EST			0	0			Hail (1.75)	
Patrick County											
Woolwine		24	1500EST			0	0			Thunderstorm Wind	
Roanoke County											
Southeast Portion		24	1510EST 1530EST			0	0			Thunderstorm Wind	
Franklin County											
Henry		24	1510EST			0	0			Thunderstorm Wind	
Henry County											
3 S Axton to 2 SSE Axton		24	1515EST 1520EST			0	0	0.50K		Thunderstorm Wind	
Bedford County											
1 N Hardy		24	1530EST			0	0			Hail (0.88)	
Campbell County											
Evington		24	1630EST			0	0			Hail (1.10)	
Halifax County											
3 E Volens to 4 E Volens		24	1655EST 1700EST			0	0	30K		Thunderstorm Wind	

Thunderstorms during the afternoon and early evening hours on the 24th produced damaging winds, damaging lightning and hail up to golfball size.

Thunderstorm winds knocked trees down across a road 6 miles southwest of Sinking Creek and 4 miles southwest of Buena Vista, downed trees in Sinking Creek, Paint Bank, and 3 miles east of Ferrum, broke off large tree limbs in Buchanan and Henry, downed trees and snapped off branches in Woolwine and knocked down several trees in the southeast portion of Roanoke County.

Thunderstorm winds snapped off or uprooted numerous trees, knocked down power lines and tore shingles off of roofs from 3

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property Crops		Character of Storm
Killed	Injured									

VIRGINIA, Southwest

miles south of Axton to 2 miles south-southeast of Axton and knocked down a chimney, tore a portion of a roof off, damaged another roof and damaged barns from 3 miles east of Volens to 4 miles east of Volens.

Thunderstorm winds downed numerous trees in the western portion of Bedford County and in the eastern portion of Carroll County. Some of trees blocked roads for a time.

Lightning knocked a tree onto a car in Covington, breaking out the windshield. Lightning started a fire which destroyed a home in Stuart.

WASHINGTON, Northeast

Stevens County
Chewelah

24

1630PST
1700PST

0

0

Hail (0.38)

0.38 INCH HAIL COVERING THE GROUND.

Spokane County
Spokane

27

0600PST
0900PST

0

0

Heavy Rain

SOUTH PART OF THE CITY OF SPOKANE HAD 1.25 INCHES OF RAIN IN 3 HOURS. NORTHEAST PART OF THE CITY OF SPOKANE HAD 0.78 INCHES OF RAIN IN 20 MINUTES. Rainfall threatens main sewer line in Spokane.

WASHINGTON, Northwest

Pierce County
Ruston

23

1330PST
1332PST

0.4

50

0

0

50K

Tornado (F0)

A brief weak tornado touched down on the north end of Tacoma. It tore shingles from roofs, knocked down a few trees and tossed around garbage cans and patio furniture. Damage was less than \$100,000.

Okanogan County
Coulee Dam

27

1300PST
1500PST

0

0

380K

Flash Flood

A slow moving thunderstorm dropped nearly 3 inches of rain in 2 hrs near Grand Coulee Dam. Highway 155 was washed out in several places and several homeowners yards were filled with debris from the flooding.

WASHINGTON, Southeast

NONE REPORTED.

WASHINGTON, Southwest

NONE REPORTED.

WEST VIRGINIA, East

Jefferson County
Shepherdstown

04

1837EST

0

0

30K

Lightning

Lightning struck a home in Shepherdstown, setting it ablaze.

Pendleton County
W Portion

19

1230EST
1330EST

0

0

45K

Flash Flood

Torrential thunderstorms rains produced widespread flash flooding over western Pendleton Co, particularly in the Cherry Grove and Mouth of Seneca area. A bridge near Buffalo Hills washed out, and the Friends Run overflowed it's banks. State route 33 closed for a period of time as well.

Hampshire County
Green Spring

19

1550EST
1600EST

0

0

75K

Thunderstorm Wind

A severe thunderstorm knocked down numerous trees in Green Spring, including a few which blocked area roadways. One tree damaged a trailer. Partial damage was noted to several buildings at a local farm.

Hampshire County
Sw Portion

19

1630EST
1730EST

0

0

15K

Flash Flood

Hardy County
2 SE Moorfield

19

1630EST
1730EST

0

0

25K

Flash Flood

Torrential thunderstorm rains produced scattered flash flooding in the Potomac Highlands during the late afternoon and evening of the 19th. Some roads were closed in southwestern Hampshire Co, and basement flooding was prevalent in the Moorfield area.

WEST VIRGINIA, North

Brooke County
Follansbee

04

2030EST

0

0

2K

Thunderstorm Wind

Trees were downed by thunderstorm winds in Follansbee.

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
<u>WEST VIRGINIA, North</u>									
Preston County Bruceton Mills	14	1500EST			0	0	3K		Thunderstorm Wind
	Trees and power lines were downed in Bruceton Mills.								
Preston County Albright	14	1515EST			0	0			Hail (0.75)
Preston County Terra Alta	14	1515EST			0	0	3K		Thunderstorm Wind
	Trees and power lines were downed by thunderstorm winds.								
Preston County Albright	14	1615EST 1700EST			0	0			Flash Flood
	Small streams went out of their banks near Albright. Mud and debris covered nearby roads.								
Marshall County 2 S Wheeling	14	1700EST			0	0	5K		Thunderstorm Wind
	Numerous trees and some power poles were downed by thunderstorms winds. There were also reports of funnel clouds nearby.								
Marshall County 2 S Wheeling	14	1700EST			0	0			Funnel Cloud
	Numerous reports were received of funnel clouds south of Wheeling.								
Marshall County Moundsville	14	1800EST			0	0	2K		Thunderstorm Wind
	Power lines were downed by thunderstorm winds in Moundsville.								
Brooke County Wellsburg	18	1635EST 2300EST			0	0	5K		Flash Flood
	Streets and some basements were flooded in Wellsburg. Streets were flooded and mudslides were reported in Follansbee.								
Brooke County Follansbee	18	1635EST			0	0	2K		Thunderstorm Wind
	Trees were downed by thunderstorm winds in Follansbee.								
Brooke County Follansbee	18 19	2300EST 0400EST			0	0	10K		Flash Flood
	Thunderstorms with very heavy rain moved through an area that experienced flash flooding only hours earlier. Short Creek went out of its banks and additional basements in Follansbee were flooded.								
Brooke County Follansbee	24	1450EST			0	0	2K		Thunderstorm Wind
	Thunderstorm winds downed about 5 trees in and near Follansbee.								
Tucker County Parsons	24	1652EST			0	0	1K		Thunderstorm Wind
	A few trees were downed by thunderstorm winds near Parsons.								
<u>WEST VIRGINIA, Southeast</u>									
Greenbrier County Lewisburg	19	1730EST 1900EST			0	0	30K		Flash Flood
	Thunderstorms during the evening hours on the 19th produced very heavy rainfall in Greenbrier County.								
	Flash flooding damaged roads, swept a vehicle off a road and damaged homes and businesses in Lewisburg.								
<u>WEST VIRGINIA, West</u>									
Logan County Logan	03	2335EST			0	0			Hail (0.75)
Calhoun County Chloe	04	1345EST			0	0			Hail (0.75)
Braxton County Rosedale to Chapel	04	1405EST			0	0	3K		Hail (0.75)
	One mobile home had its windows broken and its roof damaged.								
Wood County Waverly	07	1915EST			0	0	3K		Thunderstorm Wind
	Several trees were uprooted.								
Upshur County Kanawha Head	07	1915EST			0	0	3K		Thunderstorm Wind
	Trees were blown across Route 20.								
Lewis County Churchville	07	1945EST			0	0	1K		Thunderstorm Wind
	Roads were blocked by fallen trees.								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
WEST VIRGINIA, West									
Harrison County Wolf Summit	07	2010EST			0	0	1K		Thunderstorm Wind
Harrison County Salem	07	2010EST			0	0	2K		Thunderstorm Wind
			Trees and power lines were downed.						
Wayne County Hubbardstown	08	1715EST			0	0	1K		Thunderstorm Wind
Cabell County Huntington	08	1815EST			0	0	5K		Thunderstorm Wind
			A few large trees were knocked down in the city.						
Cabell County Huntington	08	1815EST 1900EST			0	0	35K		Flash Flood
			About 5 cars were damaged when small streams and streets flooded in the city.						
Putnam County Hurricane	08	2000EST 2200EST			0	0	20K		Flash Flood
			Cow Creek flooded, causing 2 feet of water on adjacent roads. The county warning point reported water into a few homes.						
Ritchie County Cairo	14	1620EST			0	0	2K		Thunderstorm Wind
			Large tree limbs were blown onto Route 31.						
Wood County Parkersburg	14	1645EST			0	0	5K		Thunderstorm Wind
			Trees were downed onto power lines.						
Randolph County Whitmer	18	1730EST 1830EST			0	0	2K		Flash Flood
			Gandy Creek came out of its banks, but did not flood any structures. Route 29 was closed by the water.						
Nicholas County Craigsville	19	1630EST 1730EST			0	0	3K		Flash Flood
			Homes in town had minor flooding. A 14 foot section of the Indian Rock Dam washed away during a downpour. Around 100 people were evacuated along Cherry and Rock Camp Runs as a precaution. The impoundment held and residents returned home.						
Pleasants County St Marys	22	1344EST			0	0			Hail (1.50)
Ritchie County Pike	22	1415EST			0	0			Hail (0.75)
Wood County Deerwalk	22	1640EST			0	0	20K		Hail (1.75)
Wood County Volcano	22	1655EST			0	0	5K		Hail (1.75)
Kanawha County Clendenin	22	1710EST			0	0	5K		Hail (1.75)
Clay County Procious	22	1715EST			0	0			Hail (0.75)
Cabell County Barboursville	22	1720EST			0	0			Hail (0.75)
Cabell County Union Ridge	22	1725EST			0	0	3K		Thunderstorm Wind
			Large trees limbs were blown down.						
Lincoln County Branchland	22	1810EST			0	0			Hail (0.75)
Logan County Chapmanville	22	1855EST			0	0			Hail (0.75)
Logan County Whitman	22	1915EST			0	0	5K		Thunderstorm Wind
Logan County 3 W Justice Addition to West Logan	22	1915EST			0	0	25K		Thunderstorm Wind
			A downburst was focused up Buffalo Creek and along the Guyandotte River, taking down trees and power lines. Most						

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
WEST VIRGINIA, West									
			of the damage was in Buffalo Creek hollow, where even grass and low vegetation was flatten. However, only minor structural damage to dwellings occurred. Several trees were also toppled along nearby Crawley Creek.						
Cabell County Northern Half	23	0015EST 0330EST			1	0	700K		Flash Flood
			Major small stream flooding occurred after a second round of thunderstorms, within 18 hours, dumped about 2 inches of rain in an hour. A 24 year old woman drowned when her car washed into Lower Creek, north of Milton. The woman got out of the car, but she was swept away. Her body was found about a mile downstream. Private bridges, farm equipment, 15 homes, and about 15 vehicles were damaged or destroyed. At least one mobile home floated off its foundation. A family of 4 escaped their mobile home along Jenkins Creek near Dudley Gap by wading through waist deep water. The water had risen upto the glass on their sliding doors before they awoke. Johns Branch, Kilgore Creek, and Mill Creek were a few of the other streams that flooded. F24IW						
Mason County Glenwood to Upland	23	0015EST 0300EST			0	0	250K		Flash Flood
			Guyan and Eighteenmile Creeks flooded in the extreme southern part of the county. A few cars were swept into the creeks.						
Putnam County Hurricane	23	0100EST 0300EST			0	0	20K		Flash Flood
			Hurricane and Coon Creeks flooded and forced evacuations.						
Barbour County Philippi	24	1140EST			0	0	5K		Thunderstorm Wind
			Power lines were blown down.						
Mcdowell County Paynesville	24	1140EST			0	0			Hail (0.75)
Nicholas County Fenwick	24	1230EST			0	0			Hail (0.88)
Nicholas County Richwood	24	1240EST			0	0			Hail (0.88)
Jackson County Le Roy	24	1430EST			0	0			Hail (0.88)
Roane County Grace	24	1500EST			0	0	1K		Thunderstorm Wind
Pleasants County 3 E Maxwell	24	1550EST			0	0	2K		Thunderstorm Wind
			Trees were uprooted and an equipment shed damaged in the Rock Run region.						
Taylor County Grafton	24	1615EST			0	0	3K		Thunderstorm Wind
			Power lines were blown down.						
Tyler County Shirley	24	1640EST			0	0	1K		Thunderstorm Wind
Jackson County Cottageville	24	1645EST			0	0	2K		Thunderstorm Wind
Mason County Hartford City	24	1650EST			0	0	1K		Thunderstorm Wind
Wayne County Cyrus	24	1650EST			0	0	1K		Thunderstorm Wind
			Several trees were blown down. One resident had their windows broken by fallen tree limbs.						
Kanawha County South Charleston	24	1700EST			0	0	10K		Thunderstorm Wind
			Several trees were knocked down from the Riverwalk Plaza to the Jefferson Road area. A cinder block wall was blown down, that was under construction at the community center.						
Cabell County Huntington	24	1715EST			0	0	5K		Thunderstorm Wind
Randolph County Elkins	24	1725EST			0	0	2K		Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

[illegible]

WEST VIRGINIA, West

Lewis County						
Gaston	24	1725EST	0	0	1K	Thunderstorm Wind
Putnam County						
Paradise	24	1730EST	0	0	1K	Thunderstorm Wind
Lincoln County						
Hamlin	24	1730EST	0	0	3K	Thunderstorm Wind
	Numerous trees or large branches were blown down.					
Nicholas County						
Fenwick	24	1800EST	0	0	1K	Thunderstorm Wind
Clay County						
Clay	24	1800EST	0	0	2K	Thunderstorm Wind
Webster County						
2 SE Webster Spgs	24	1800EST	0	0	1K	Thunderstorm Wind
Braxton County						
Little Birch	24	1800EST	0	0	1K	Thunderstorm Wind

WISCONSIN, Extreme Southwest

NONE REPORTED.

WISCONSIN, Northeast

Menominee (C) Keshena	01	1445CST		0	8	Lightning	
	A bolt of lightning struck a line of trees bordering the outfield of a baseball diamond at Memorial Park in Keshena (Menominee county). Several spectators seated behind the centerfield fence were thrown from their lawn chairs and from the hoods of their cars or trucks. Eight people were injured, but only one needed to be transported to a hospital.						
Portage County Plover	02	1708CST		0	0	2K	Thunderstorm Wind
	Thunderstorm winds knocked over a few trees in the Plover area.						
WIZ005-010>011-018>019-030	Vilas - Oneida - Forest - Lincoln - Langlade - Marathon						
	05	0000CST 0600CST		0	0		Fog
	Dense fog reduced visibilities to one-quarter mile or less across much of North Central Wisconsin.						
Wood County Marshfield	06	1930CST 2130CST		0	0		Urban/Sml Stream Fld
	Thunderstorms that developed along an outflow boundary in Central Wisconsin produced around 2 inches of rain in the Marshfield (Wood county) area during a two-hour period. The heavy rainfall caused urban flooding, resulting in flooded basements and stalled and stranded vehicles. The heavy flow of water caused man-hole covers to pop off.						
WIZ013-021>022-038>040-048>050	Marinette - Oconto - Door - Outagamie - Brown - Kewaunee - Winnebago - Calumet - Manitowoc						
	10 11	0400CST 0700CST		0	0		Fog
	Dense fog affected parts of Northeast and East Central Wisconsin, especially near the Bay of Green Bay and Lake Michigan. The Fox Valley was also affected by the thick fog, which reduced visibilities to one-quarter mile or less at times.						
Marinette County Marinette	10	1700CST 1900CST		0	0		Flash Flood
	Thunderstorms produced 2 to 4 inches of rain in a two-hour period over the Marinette (Marinette county) area. The runoff overwhelmed the sewer system, resulting in dozens of flooded basements. Cars were stranded when street flooding occurred.						
Calumet County 5 NW Chilton	11	1608CST 1609CST	0.1	30	0	0	Tornado (F0)
	A weak tornado briefly touched down 5 miles northwest of Chilton (Calumet county), near the intersection of County Trunk BB and Killsnake Road. The tornado threw a pile of lumber 30 feet into the air, tore shingles off of a shed and broke a window.						
	This tornado apparently developed along a lake breeze front that moved inland off the east side of Lake Winnebago.						
Langlade County 7 NW Antigo	12	1550CST		0	0	3K	Thunderstorm Wind
	A severe thunderstorm downed trees at the junction of Highway C and Ormsby Road.						
Marathon County 2 W Hogarty	12	1650CST		0	0	5K	Thunderstorm Wind
	Thunderstorm winds blew down a barn at the junction of Highway Y and Highway 52.						
Marathon County Hatley	12	1720CST		0	0	500K	Thunderstorm Wind
	Strong microburst winds blew a roof off of an elementary school in Hatley (Marathon county) and deposited part of it on top of a nearby house. Pieces of sheet metal were left hanging in the branches of trees. The tops of pine trees were sheared off and large						

Storm Data and Unusual Weather Phenomena

Time Loss ^a /	Path Length	Path Width	Number of Persons	Estimated Damage
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Location	Date	Local/Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
WISCONSIN, Northeast									
Marathon County Bevent									limbs were driven into the ground. Trees, power lines and a barn were all blown down, and wheat fields were flattened.
	12	1745CST			0	0	5K		Thunderstorm Wind
Trees and power lines were knocked over near Bevent (Marathon county).									
WIZ020>022-030>031-035>040-045-048>050									Menominee - Oconto - Door - Marathon - Shawano - Wood - Portage - Waupaca - Outagamie - Brown - Kewaunee - Waushara - Winnebago - Calumet - Manitowoc
	16 20	1200CST 1200CST			0	0		56M	Flood
Heavy rainfall fell across most of Central and East Central Wisconsin, as well as parts of Northeast Wisconsin from June 16th through the 18th. Amounts over the three day period ranged from 2 to 7 inches in most locales. Shawano, Waupaca and Outagamie counties were among the heaviest hit, with several locations receiving between 5 and 7 inches of rain during the three day period. Runoff from the heavy rainfall caused to rivers to rise substantially, with several peaking well above flood stage. Minor flooding was reported on the Wolf River at Shawano (Shawano county), Little Wolf River at Royalton (Waupaca county), Embarrass River at Embarrass (Waupaca county), East Twin River at Mishicot (Manitowoc county), Oconto River at Oconto (Oconto county) and the Pigeon River at Clintonville (Waupaca county). Several streets, parks, campgrounds and county roads were flooded, and a few roads were washed out. Crop damage estimates amounted to at least 56 million dollars. Outagamie county reported crop losses of 27 million dollars, Shawano county 26 million dollars and Manitowoc county 3 million dollars.									
The flooding was indirectly responsible in the drowning death of a 14 year old boy from Shawano (Shawano county). Upon jumping into the rain-swollen Wolf River to go swimming, he was overwhelmed by the strong current and unable to reach shore.									
Lincoln County 6 NW Tomahawk									
	19	1300CST			0	0			Lightning
A lightning strike damaged a cabin 6 miles northwest of Tomahawk (Lincoln county). Windows were blown out of the cabin from the inside, lights were shattered and a radio was damaged.									
Oneida County 2 S Minocqua									
	29	1245CST			0	0	2K		Thunderstorm Wind
A few trees and a power line were knocked down south of Minocqua as a severe thunderstorm moved through.									
Wood County Wisconsin Rapids									
	29	1645CST			0	0	10K		Thunderstorm Wind
A severe thunderstorm blew trees down in and around the Wisconsin Rapids area. A large power outage interrupted electrical service to 1400 customers. Trees fell on top of homes in the Port Edwards and Nekoosa areas.									
Portage County Stevens Point									
	29	1705CST			0	0	5K		Thunderstorm Wind (G53)
Powerful thunderstorm winds knocked trees and power lines down in the Stevens Point vicinity.									
Portage County Bancroft									
	29	1715CST			0	0	2K		Thunderstorm Wind
Trees were downed in the Bancroft area.									
Waushara County Plainfield									
	29	1715CST			0	0	2K		Thunderstorm Wind
Severe thunderstorms moved through the Plainfield area, causing tree damage.									
Waushara County Saxeville									
	29	1740CST			0	0	2K		Thunderstorm Wind
Trees were felled in the Saxeville vicinity.									
Waupaca County Waupaca									
	29	1742CST			0	0			Hail (1.75)
Golfball size hail fell near Waupaca.									
Winnebago County Oshkosh									
	29	1835CST			0	0	5K		Thunderstorm Wind
Trees and power lines were knocked over on the east side of Oshkosh.									
Calumet County Chilton									
	29	1900CST			0	0	1K		Thunderstorm Wind
A strong thunderstorm blew a few trees down near Chilton.									
WISCONSIN, Northwest									
Price County Brantwood									
	12	1950CST			0	0			Hail (0.75)
WISCONSIN, Southeast									
Walworth County Millard									
	02	1655CST			0	0	1K		Thunderstorm Wind
Powerful thunderstorm winds cracked numerous large treen branches out of large trees in the Millard area.									
Milwaukee County Brown Deer									
	02	1658CST			0	0	3K		Thunderstorm Wind
Powerful thunderstorm winds blew down several large trees in the park near the Milwaukee River.									
Waukesha County Elm Grove									
	02	1700CST			0	0	10K		Lightning
Lightning struck a home, blew 3 holes in the roof, and damaged the furnace and TV.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>WISCONSIN, Southeast</u>									
Rock County 8 NW Beloit	02	1715CST			0	0	5K		Thunderstorm Wind
	Powerful thunderstorm winds blew down numerous large trees northwest of Beloit.								
Walworth County 1.3 NW Delavan	02	1718CST			0	0	10K		Thunderstorm Wind
	Powerful thunderstorm winds knocked down large trees and power lines northwest of Delavan.								
Rock County Emerald Grove	02	1725CST			0	0	2K		Thunderstorm Wind
	Powerful thunderstorm winds broke numerous large tree braches out of trees in the Emerald Grove area.								
Marquette County Montello	02	1735CST			0	0			Funnel Cloud
Racine County Ives Grove	02	1739CST			0	0			Hail (1.00)
Walworth County Walworth	02	1745CST			0	0	0.30K		Thunderstorm Wind
	Intense thunderstorms knocked many large tree braches out of trees in the village of Walworth.								
Waukesha County Oconomowoc	02	1745CST			0	0	30K		Lightning
	Lightning struck a home and started a fire that destroyed much of the roof, and contents in the attic.								
Walworth County 3.5 W Troy Center	02	1823CST			0	0	10K		Thunderstorm Wind
	Powerful thunderstorm winds toppled several large trees and some power lines west of Troy Center near Highway 20.								
Dodge County 2.5 NE Horicon	02	1850CST			0	0	20K		Thunderstorm Wind
	Powerful thunderstorm winds blew over a pole barn midway between Horicon and Mayville.								
Sheboygan County Sheboygan	06 07	2300CST 0500CST			0	0	10K		Urban/Sml Stream Fld
	Overnight rains of 2 inches resulted in street and basement flooding, damaging the basement contents in some city homes.								
Rock County Beloit	07	0000CST 0100CST			0	0	40K		Flash Flood
	Heavy rainfalls of around 3 inches in a short period of time resulted in flash flooding of roads in Beloit, and in area creeks and streams. Several road shoulders were washed out, and debris collected and blocked some roads intersections.								
WIZ059	Washington 07	0030CST 0800CST			0	0	20K		Flood
	A 24 hour rainfall total of 2.21 inches resulted in serious flooding of Cedar Creek in the city of Jackson. A garden center sustained structural damage and had many plants destroyed.								
WIZ059	Washington 07	0930CST 1200CST			0	0	50K	500K	Flood
	Overnight heavy rains of around 2 inches on top of a saturated ground resulted in flooding damage in the Township of Farmington, or 2 miles southeast of Boltonville. Highway shoulders were washed out as roads became covered with water. Resident and business flooding was also noted in Slinger and Jackson. Rural areas had some soil erosion and crop damage.								
Sauk County 2.2 W Hillpoint	17	0000CST 0145CST			0	0	500K		Flash Flood
	Heavy rains produced flash flooding of the Narrows Creek headwaters. Nearby crops were washed out and there were mudslides. Driveways and a portion of a nearby road were flooded over by fast moving waters about 1 to 2 feet deep.								
WIZ056	Sauk 17	0100CST 0330CST			0	0	75K		Flood
	Heavy rains overnight produced flooding over Highway 154 near Hillpoint. Water depths reached 1 foot over the road which was closed for a couple hours. Some of the road shoulder washed out. Resident basements flooded.								
Dane County Monona	17	0130CST 0400CST			0	0	1.6M		Flash Flood
	Blinding rainfalls of 2 to 3 inches in the pre-dawn hours on top of a saturated ground in the highly urbanized city of Monona resulted in flash flooding. Water depths reached 3 to 4 feet on some roads. Shoulder washouts were noted, as well as block storm sewers, and piles of debris on some roads. Basements and businesses sustained flood damage to their contents. In next door Madison, the historical Barrymore theater sustained damage when a wall collapsed due to pressure from flood waters.								
Sauk County 1.3 SW Valton	17	0210CST 0330CST			0	0	120K		Flash Flood
	Heavy rains produced flash flooding on a country road near Valton. A bridge was washed out along with culverts.								

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>WISCONSIN, Southeast</u>									
Green County Monroe	17	0230CST 0500CST			0	0	30K		Flash Flood
	Heavy rains of 4.8 inches resulted in flash flooding in and around Monroe. Buildings in low lying areas were damaged, there were road shoulder washouts, and serious soil erosion.								
Sauk County Ironton	17	0230CST 0400CST			0	0	170K		Flash Flood
	Heavy rains resulted in flash flooding in and around Ironton. Several roads had shoulder and culvert washouts. Erosion of loose soil was also noted. Businesses and resident basements flooded.								
Rock County 1 E Cooksville	17	0300CST 0500CST			0	0	150K	2M	Flash Flood
	Heavy rainfalls of 4 to 5 inches in the early morning hours resulted in flash flooding of roads and fields east of Cooksville. Road shoulders were washed out, and there was serious soil erosion to farm fields. There was also some washouts under a bridge and railroad tracks in nearby Evansville.								
WIZ065	Waukesha	17	0300CST 0700CST		0	0	25K	1M	Flood
	Heavy rains of 2 to 3 inches in the 24 hour period ending at 0500CST on the 17th resulted in closure of Highway 59 on the west side of the city of Waukesha. Water covered the road to a depth of 1 to 2 feet. Elsewhere... Oconomowoc Lake exceeded its natural banks due to drainage in its watershed. Nearby parking lots and other lowland grounds were flooded. Rural farm land also sustained some soil erosion and crop damage.								
Green County Brodhead	17	0330CST 0500CST			0	0	15K	500K	Flash Flood
	Heavy rains of 5.2 inches resulted in flash flooding in and around Brodhead. Homes and businesses sustained damage, and there was serious erosion of farm soils and crops near the city limits. Water reached a depth of 2 to 3 feet over a couple roads which experienced shoulder washouts.								
Green County Martintown	17	0330CST 0500CST			0	0	15K	2M	Flash Flood
	Heavy rains of 3 inches in short period of time resulted in flash flooding in and around Martintown. Home basements and businesses were flooded. A road experienced a shoulder washout. Serious soil erosion and crop damage occurred in farm fields north of Martintown in the lowlands near the Pecatonica River to northwest of Browntown.								
Columbia County Portage	17	0330CST 0445CST			0	0	150K		Flash Flood
	Heavy rains of 3.33 inches resulted in flash flooding in and around Portage. A number of roads had shoulder washouts, and there was the usual basement flooding as water levels quickly rose to a couple feet high on some roads.								
Waukesha County Brookfield	17	0400CST 0600CST			0	0	50K		Flash Flood
	A quick 1 inch rainfall in 15 minutes ending at 0430CST in the city of Brookfield, on top of a saturated ground, and previous rainfalls of 1 to 2 inches the day before, resulted in flash flooding. Water quickly covered some roads to a depth of 2 to 3 feet. There was resident basement and first floor flooding, as well as business flooding. Some roads were closed until the water receded.								
Jefferson County Watertown	17	0500CST 0630CST			0	1	400K		Flash Flood
	Heavy rains of 3 to perhaps 6 inches in the pre-dawn hours resulted in flash flooding on the southwest side of Watertown. A 40 foot section of an earthen embankment washed out, leaving railroad tracks suspended in the air. Water pouring through the break did serious damage to 6 homes and 2 businesses, and destroyed one home. One person was injured by the flash flood waters. About 100 homes were affected by flood waters in the city of Watertown, mostly of the basement flooding variety. The Rock river north and south of Watertown also exceeded it flood stage by anywhere from a few inches to perhaps 1 foot or so. Lowland flooding near the river was reported.								
WIZ052	Sheboygan	17	0600CST 0900CST		0	0	25K		Flood
	Two to 3 inches of rain overnight on top of a saturated ground resulted in high water levels in streams and creeks around the city of Cedar Grove. Water covered roads to a depth of 2 to 5 feet. in one case, an automobile was swept 100 feet down a road and over-turned. The driver escaped uninjured. Basement and business flooding was also reported.								
WIZ056	Sauk	17	0700CST 0830CST		0	0			Flood
	Overnight heavy rains resulted in lowland flooding along and near Narrows Creek from Rock Springs upstream about 7 miles. Crops were washed out and there was basement flooding.								

Storm Data and Unusual Weather Phenomena

Time Local/	Path Length	Path Width	Number of Persons	Estimated Damage
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June 1996

Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property Damage	Crops	Character of Storm
WISCONSIN, Southeast									
WIZ068	Green								
	17	0830CST			0	0		5.7M	Flood
	22	1115CST							
Heavy rainfalls of around 5 inches early on the 17th resulted moderate river flooding along the Sugar River and its tributaries north of Broadhead. Lowland flooding washed out or eroded much farm land both upstream and downstream from Broadhead. The river at Broadhead crested at 8.33 feet at 2005CST on the 19th, or 3.33 feet over flood stage. Six township roads were closed thru the 20th.									
Sauk County									
4 W Prairie Du Sac to 3.9 W Prairie Du Sac	17	1340CST 1341CST	0.1	50	0	0	1K		Tornado (F0)
A weak tornado briefly touched down and damaged a home's garage and a couple windows, and tore off some siding.									
Sauk County									
2.2 N Prairie Du Sac to 2.5 N Prairie Du Sac	17	1350CST 1352CST	0.5	100	0	0	75K		Tornado (F1)
A tornado destroyed a couple farm sheds, removed a barn's roof, broke windows, damaged machinery, and tore up several trees.									
Sauk County									
4 S Baraboo	17	1400CST 1500CST			0	0	10K		Flash Flood
Heavy rains resulted in flash flooding of streams in the Devil's Lake Park. A trail was washed out, and a bridge sustained minor damage. The rains brought the day totals to around 6 inches.									
Sauk County									
3.7 S Baraboo	17	1410CST			0	0	0.50K		Thunderstorm Wind
Powerful thunderstorm winds pushed over several large trees in Devil's Lake Park.									
WIZ052	Sheboygan								
	17	1430CST 1700CST			0	0	110K	15.7 M	Flood
Long-duration rains across Sheboygan county resulted in scattered areas of flooded farm fields, basement and business flooding, and flooded roads in low-lying areas. In the city of Sheboygan, Pigeon Creek overflowed its banks and flooded several roads.. some which were closed a few hours. Soil erosion and damaged crops were noted in rural areas.									
Sauk County									
2.8 NW Merrimac	17	1530CST 1645CST			0	0	20K	50K	Flash Flood
Heavy rains resulted in quick-rising waters that flooded Highway 113 with 6 to 12 inches of water. The road was closed for a few hours. There was minor road shoulder damage and crop damage.									
WIZ070	Walworth								
	17	1700CST 2300CST			0	0	200K	24M	Flood
Heavy rains of 1 to 2 inches on top of a saturated ground due to previous rains, resulted in a slow rise of water levels on rivers, streams, and creeks across Walworth county. Roads, homes, golf courses, and other businesses became flooded. Some bridges on golf courses were swept away as the soils washed away. A few roads were closed for a few hours until the water receded. Rural farm land had the usual soil erosion and damaged crops. Sandbagging also took place in some locations.									
Dodge County									
1.5 W Astico	17	1815CST 2000CST			0	0	30K		Flash Flood
Short-duration heavy rains of 3 to 5 inches produced flash flooding that covered roads with 2 feet of water, and washed out a couple road shoulders.									
WIZ063	Dane								
	17 18	1820CST 0700CST			0	0	3M	10M	Flood
Several rounds of heavy rains culminated in widespread rural farm land flooding across Dane county, as well as significant flooding in cities and villages. Flooding of small streams and creeks, and nearby lowland was reported. Several county roads flooded over with 1 to 3 feet of water, and some shoulder washouts and road closures were noted. Soil erosion was very common as farm fields flooded over. Retention ponds in housing developments over-flooded. Some of the larger lakes recorded their highest levels ever, as water pured into them from their drainage basins. For example, Lake Monona and Lake Kegonsa eventually reached new record levels on the 19th, while Lake Mendota came within 1 inch of equalling their all-time high water level. Cities that had significant flooding and damage were Cambridge, Black Earth, Brooklyn, Belleville, Cross Plains, De Forest, and Sun Prairie. Total rainfall from 0500CST on the 16th to 0500CST on the 18th ranged from 4 inches in the far western part of the county to around 8.25 inches in the Stoughton area.									
WIZ051	Fond Du Lac								
	17	1830CST 2100CST			0	0	500K	2M	Flood
Long duration rains of 3 to 5 inches county-wide since the day before resulted in the Rock river going above flood stage in the Waupan area. Two to 3 inches of that rain fell in a 6 hour period ending 0500CST in the Fond du Lac city area. Resident basement and business flooding was reported county-wide, as well as some soil erosion and crop damage. Sandbagging took place around the city of Fond du Lac.									
Dane County									
Madison	17	1830CST 2030CST			0	0	4M		Flash Flood
Heavy downpours of rain, of 1 to 2 inches, on top of a saturated ground, resulted in flash flooding of roads and highways in the									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
Killed	Injured									

WISCONSIN, Southeast

Thanks to a 3-day rainfall event of 4 to 8 inches on the 16th, 17th, and 18th, across northern Rock county, the Rock River at Afton experienced moderate flooding. The river at this location crested at 10.53 feet at 0630CST on the 25th, or 1.53 feet above flood stage. Widespread flooding of farm land was reported across Rock county. Erosion was a problem as well as blocked roads until water levels receded. Business and resident basement flooding was especially bad in Janesville and Edgerton. Businesses lost money.

WIZ072

Kenosha

18 0015CST
26 1900CST

0 0

Flood

Several rounds of heavy rains (1 to 3 inch totals) on top of saturated soils, resulted in flooding of mainstem rivers in Kenosha county. The Fox river near New Munster crested at 12.15 feet at 2245CST on the 19th, or 2.15 feet over flood stage. Several roads had water over them, and were closed for a couple days. Rural farm land sustained soil erosion and crop damage. The long-term soil wetness going back into May, coupled with June's rainfall and flooding was so bad that only 1/2 of the corn crop was planted this year. Farmers said it was the worst they've seen.

Ozaukee County
Port Washington

18 0530CST
0700CST

0 0

Urban/Sml Stream Fld

Pre-dawn rains of around an inch on top of a saturated ground resulted in minor street flooding and basement flooding in parts of Port Washington. Some minor sewage backup also noted.

WIZ060

Ozaukee

18 0630CST
20 1630CST

0 0 3.9M 3M Flood

A series of thunderstorms "trained" N/NW into Ozaukee county and dumped heavy rains from 2 inches to over 7 inches on June 18th. Total rainfalls for the 3-day period of the 16th, 17th, and 18th ranged from 5 to over 13 inches (see Port Washington flash flood report for 06/18/96). There were many reports of flooding of basements, businesses, farm land, and low lands along rivers, streams, and creeks. Some roads were blocked for extended periods of time in Mequon, Cedarburg, Saukville, and Thiensville. Trash dumpsters were carried away by water 3 feet deep in Thiensville. Farm land sustained soil erosion and crop damage. The Milwaukee River on the east side of Cedarburg crested at 12.66 feet at 1815CST on the 18th, or 1.66 feet above flood stage.

WIZ056

Sauk

18 0700CST
2000CST

0 0 5K 1M Flood

Occasional heavy rains over a 3-day period finally resulted in the Baraboo river overflowing it's banks 3 to 10 miles downstream of the city of Baraboo. Lowland farm land flooded and there were mudslides near the river. A cow died from the high waters, and 25,000 acres of farm land flooded.

Ozaukee County
Belgium

18 0700CST
0830CST

0 0 1M Flash Flood

Heavy rainfalls of 5 to 6 inches (unofficial) within a 2 to 3 hour time period resulted in flash flooding in Belgium. There was the usual basement and business flooding. Portions of 2 roads and 2 bridges in the countryside around Belgium were washed out. One of the roads was Forest Beach Lane near the Lake Michigan shoreline.

Ozaukee County
2.5 W Port Washington

18 0800CST
1100CST

0 0 200K Flash Flood

Thunderstorms with heavy rains "trained" N/NW over the I-95 interchange west of Port Washington repeatedly to produce flash flooding. Water was reported to be 4 feet deep at the interchange, forcing a road closure until 1400CST. Shoulder washouts were noted. Rainfall on the 18th was unofficially in the 4 to 6 inch range, on top of 4 to 5 inches that fell the previous two days.

Ozaukee County
Port Washington

18 0805CST
1145CST

0 0 5.3M Flash Flood

Torrential rainfalls due to "training" thunderstorms moving N/NW into Port Washington resulted in probably the worst flash flooding ever experienced by that city. Within about 2 hours the city picked up 6 to over 7 inches of rain... on top of 5 to 6.5 inches that fell in the previous two days. Water reached 3 to 4 feet deep on some roads, while most manhole covers were swept away. A state of Emergency was declared by city officials at 0800CST, with the height of the storm occurring at 0830 to 0900CST. Mudslides were reported on several of the city's hills. Whole sections of some city streets were washed away. A ramaging Sauk Creek, running through the city, severely damaged the Wisconsin State Bridge. A railroad embankment on Grand Ave. was washed away, and another section of tracks was washed out. Lake Michigan bluffs also sustained severe damage in the form of mudslides that extended down to the water's edge. The mudslides destroyed the public beach and a bike trail through Lake Park. Knocked down poles resulted in the loss electricity to about 1300 homes. About 1000 homes had a varying amount of flood damage... or 1/3 of the city's homes! About 100 businesses sustained flood damage to their property. Several automobiles were also washed away on the city's roads. Maximum rainfall in Port Washington was 7.68 inches for June 18th, on top of 5.84 inches on the previous two days. The 3-day total was 13.52 inches! By the end of June a grand total of 18.27 inches dropped out of the sky! There were no reports of injuries or deaths.

WIZ072

Kenosha

18 1100CST
1700CST

0 0 100K Flood

Periods of heavy rains from the 16th into the early morning hours of the 18th (totaling 1 to 3 inches) on top of saturated ground, resulted in a slow rise of water levels on the Pike river in northeast Kenosha county. Roads in and near the Petrifying Springs Park were flooded, as well as in other parts of the county. The usual resident and business flooded was noted, with several cars and

Storm Data and Unusual Weather Phenomena

June 1996

										June 1996
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Crops	Character of Storm	
WISCONSIN, Southeast										
										much lawn equipment being damaged.
Green County 3 S Juda	18	1250CST			0	0				Funnel Cloud
Green County Martintown	18	1315CST			0	0				Funnel Cloud
Rock County 3 S Janesville	18	1445CST			0	0				Funnel Cloud
Columbia County Wycocena	19	1500CST			0	1	2K			Lightning
										Lightning struck an 80 foot silo and then traveled into a next door cheese factory and struck a man at his desk. He was injured, treated, and released from a hospital. His office sustained damage to telephone and electrical lines.
Kenosha County Kenosha	21	1200CST			0	0	2K			Thunderstorm Wind
										Intense thunderstorm winds knocked large tree braches out of trees in and around the city of Kenosha.
Dane County Middleton	21	2005CST			0	0				Funnel Cloud
Dane County 1 W Roxbury	21	2025CST			0	0	15K			Thunderstorm Wind
										Powerful thunderstorm winds toppled several large trees and power lines just west of Roxbury in the northwest part of the county.
Lafayette County 3.5 S Shullsburg	23	1805CST			0	0	3K			Thunderstorm Wind
										Powerful thunderstorm winds knocked down large trees over a road south of Shullsburg.
Lafayette County 2 E Darlington	23	1830CST			0	0				Hail (1.25)
Dane County 1.5 S Dunkirk	23	1930CST			0	0	5K			Thunderstorm Wind
										Intense thunderstorm winds blew down several large trees and ripped shingles off a homes roof.
WIZ066 Milwaukee	29	1100CST 1700CST			0	70				Heat Wave
										A minimal heat wave produced air temperatures of 95 degrees and dewpoints in the lower to mid 70s, and heat indices of 105 to 110 for one day. The lowest air temperature in Milwaukee on the 29th was 74. A large crowd attended the Summerfest event on Milwaukee's lakefront. County doctors and Red Cross volunteers administered medical treatment to 70 people who were overcome/injured by the heat. Six of these people were taken to local hospitals for further treatment. There were no deaths. It is believed that the water "mistfers" installed on the Summerfest grounds prevented more injuries or possible deaths.
Marquette County 4 E Westfield	29	1810CST			0	0	6K			Thunderstorm Wind
										Strong thunderstorm winds toppled large trees west of Westfield.
Sauk County Baraboo	29	1818CST			0	0	7K			Thunderstorm Wind
										Powerful thunderstorm winds toppled large trees in and around the city of Baraboo.
Marquette County Brooks	29	1821CST			0	0	5K			Thunderstorm Wind
										Powerful thunderstorm winds knocked down large trees... some up to 12 inch in diameter.
Green Lake County Marquette	29	1829CST 1929CST			0	0	7K			Thunderstorm Wind
										Powerful thunderstorm winds blew down several large trees in the city of Marquette.
Columbia County Portage	29	1829CST			0	0	10K			Thunderstorm Wind
										Powerful thunderstorm winds toppled several large trees and power lines.
Green Lake County Berlin	29	1830CST			0	0	5K			Thunderstorm Wind
										Strong thunderstorm winds pushed over several large trees in the city of Berlin.
Sauk County Lake Delton	29	1835CST			0	0	10K			Thunderstorm Wind
										Strong thunderstorm winds blew over many large trees and a couple power lines.
Columbia County Portage	29	1847CST			0	0	9K			Thunderstorm Wind
										Yet another line of thunderstorms generated strong winds that toppled large trees in Portage.
Sauk County Reedsburg	29	1855CST			0	0	9K			Thunderstorm Wind
										Strong thunderstorm winds toppled large trees and power lines. Amateur radio operators estimated winds in the 60 to 70 mph range.

Storm Data and Unusual Weather Phenomena

Time	Path	Path	Number of	Estimated	June 1996
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Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Persons Killed	Persons Injured	Property Damage	Crops	Character of Storm
WISCONSIN, Southeast									
Fond Du Lac County 4 NE Oakfield	29	1903CST			0	0	100K		Thunderstorm Wind
Powerful thunderstorm winds pushed over an old barn, large trees, and power lines northeast of Oakfield.									
Dodge County Beaver Dam	29	1905CST			0	0	15K		Thunderstorm Wind
Numerous large trees, and some power line were blown over by strong thunderstorm winds.									
Fond Du Lac County North Fond Du Lac	29	1915CST			0	0	10K		Thunderstorm Wind
Intense thunderstorm winds knocked over large trees and power lines in the city of North Fond du Lac.									
Dodge County 1 N Lomira	29	1920CST			0	0	4K		Thunderstorm Wind
Powerful thunderstorm winds toppled several large trees, one which struck and damaged an automobile.									
Dane County Mt Horeb	29	1925CST			0	0	15K		Thunderstorm Wind
Powerful thunderstorm winds downed large trees and power lines in Mt. Horeb.									
Washington County Jackson	29	1930CST			0	0	18K		Thunderstorm Wind
Strong thunderstorm winds pushed over large trees and power lines, cutting electricity to 1000 homes.									
Sheboygan County Sheboygan	29	2000CST			0	0	4K		Thunderstorm Wind
Powerful thunderstorm winds knocked large tree braches out of many trees in the north side of the city.									
Green County 6 N Monroe	29	2030CST			0	0	10K		Thunderstorm Wind
Powerful thunderstorm winds toppled large trees north of Monroe.									
Lafayette County Woodford	29	2030CST			0	0	18K		Thunderstorm Wind
Strong thunderstorm winds toppled several large trees and some power line in and around the village of Woodford.									
Green County Albany	29	2040CST			0	0	13K		Thunderstorm Wind
Strong thunderstorm winds blew down several large trees in and around the city of Albany.									
WISCONSIN, Southwest									
Adams County 3 S White Creek	02	1645CST			0	0	0.20K		Thunderstorm Wind (G52)
Scattered severe thunderstorms passed through central Wisconsin blowing down large trees just south of White Creek. Wind gusts of 60 mph were also reported by a National Weather Service employee near Plainville.									
Adams County 4 SE Plainville	02	1705CST			0	0			Thunderstorm Wind (G52)
Juneau County Hustler	06	1900CST			0	2			Lightning
Two men were both knocked unconscious when they were struck by lightning while fishing in rural Juneau County. One of the men suffered second degree burns to his face, chest and feet and had to be revived with CPR.									
Grant County 2 NW Bagley to 2 N Bagley	16	1900CST 1905CST	2	30	0	0			Tornado (F0)
Local law enforcement officials reported a tornado touched down near the town of Bagley on the Mississippi River.									
Vernon County La Farge	16	2010CST			0	0	10K	15K	Thunderstorm Wind (G57)
Thunderstorms which produced flash flooding rains also knocked down several large trees near La Farge as winds gusted to 65 mph.									
Vernon County 2 N Victory	16 17	2030CST 0600CST			0	0	250K	250K	Flash Flood
Slow moving thunderstorms brought a deluge of heavy rain to Vernon County of southwest Wisconsin. Due to the hilly and steep terrain, numerous mudslides occurred along state highway 35. Several county roads and state highways were also closed due to flash flooding or high water.									
Richland County Rockbridge	16 17	2200CST 0700CST			0	0	250K	200K	Flash Flood
Thunderstorms dumping heavy rain in excess of 5 inches caused flash flooding over state highway 80 and county road D and I near Rockbridge.									
Buffalo County Mondovi	29	1450CST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm hit the town of Mondovi knocking down a large tree and power lines.									
Clark County Neillsville	29	1605CST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm moved through southern Clark County knocking down trees in the Neillsville area.									

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Estimated Damage Injured	Property	Crops	Character of Storm
WISCONSIN, Southwest									
Jackson County									
Black River Falls	29	1610CST			0	0			Thunderstorm Wind (G57)
									Power lines were downed in Black River Falls and throughout Jackson County when severe thunderstorms with 65 mph winds moved through.
Vernon County									
Genoa	29	1700CST			0	0			Thunderstorm Wind (G57)
									Straight-line winds of 65 mph toppled trees near Genoa as severe thunderstorms moved through.
Vernon County									
Westby	29	1720CST			0	0	30K		Thunderstorm Wind (G57)
									Winds of 65 mph associated with severe thunderstorms blew out windows of residences in downtown Westby.
Monroe County									
Tunnel City	29	1720CST			0	0			Thunderstorm Wind (G57)
									Severe thunderstorms with winds gusting to 65 mph downed trees in Tunnel City.
Crawford County									
Mt Zion	29	1830CST			0	0			Thunderstorm Wind (G57)
									Severe thunderstorms with winds of 65 mph toppled trees in Mount Zion of northern Crawford County.
WISCONSIN, West									
St. Croix County									
Baldwin	26	1209CST			0	0			Hail (0.75)
Pierce County									
4 N Ellsworth	26	1226CST			0	0			Hail (0.75)
Pierce County									
Elmwood	26	1236CST			0	0			Hail (0.75)
Pierce County									
5 N Hager City	29	1340CST			0	0	3.5M		Thunderstorm Wind (G70)
									Barn and garages destroyed. Telephone poles down. Barn destroyed by fire. Estimated windspeed. Damage estimate for entire county.
Pierce County									
5 N Hager City	29	1340CST			0	0			Hail (0.75)
Pierce County									
5 N Bay City	29	1345CST			0	0			Hail (0.75)
									Lawn furniture blown away by strong winds.
Dunn County									
Eau Galle	29	1420CST			0	0			Thunderstorm Wind (G55)
									Barn damaged. Trees down. Estimated windspeed.
Pepin County									
Durand	29	1422CST			0	0			Thunderstorm Wind (G52)
Eau Claire County									
Cleghorn	29	1457CST			0	0			Thunderstorm Wind (G55)
									Trees down. Estimated windspeed.
Eau Claire County									
Allen	29	1500CST			0	0			Thunderstorm Wind (G55)
									Large trees down. Estimated windspeed.
WYOMING, Central and West									
Washakie County									
35 SE Worland	12	1820MST 1840MST			0	0			Hail (1.50)
									3/4 to 1 1/2 inch hail fell 17 miles southwest of Big Trails between 620 and 640 pm MST.
Lincoln County									
Kemmerer	20	1400MST			0	0			Dry Microburst
									Microburst
Lincoln County									
11 W Kemmerer to Kemmerer	21	1740MST			0	0			Hail (1.00)
									At Fossil Butte National Monument
Teton County									
Jackson	21	1900MST			0	0			Hail (1.75)
Teton County									
Jackson	22	0200MST			0	0			Hail (1.75)
WYOMING, Extreme Southwest									

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Injured	Property	Estimated Damage	Crops	Character of Storm	June 1996
<u>WYOMING, Extreme Southwest</u>											
<u>WYOMING, North Central</u>											
Sheridan County Parkman	14	1730MST 1731MST			0	0				Hail (0.75)	
Sheridan County Ranchester	14	1745MST 1746MST			0	0				Thunderstorm Wind (G52)	
Sheridan County Dayton	14	1820MST 1821MST			0	0				Thunderstorm Wind (G61)	
Sheridan County 14 NE Sheridan	14	1830MST 1831MST			0	0				Hail (0.75)	
Sheridan County 14 NE Sheridan	14	1830MST 1831MST			0	0				Thunderstorm Wind (G52)	
Sheridan County 15 N Arvada	14	1835MST 1836MST			0	0				Thunderstorm Wind (G61)	
Sheridan County Sheridan	15	1850MST 1955MST			0	0				Flash Flood	
Flash flooding was observed in Sheridan, Wyoming. However, the waters subsided quickly. No known damages.											
Sheridan County 7 N Sheridan	22	1530MST 1531MST			0	0				Hail (0.75)	
<u>WYOMING, Northeast</u>											
Crook County Devils Tower	14	1600MST			0	0				Hail (1.25)	
Campbell County Gillette	14	1900MST 2100MST			0	0				Urban/Sml Stream Fld	
Minor flooding and brief closure of several streets in Gillette.											
Campbell County Gillette	14	1927MST 1930MST			0	0	0	0		Hail (0.75)	
Crook County 8 SW Sundance	18 19	2340MST 0000MST			0	0				Hail (1.75)	
Hail accumulated 3 inches and remained on ground 12 hours.											
Weston County 5 E Newcastle	20	1900MST			0	0				Hail (1.75)	
Weston County 10 SW Clareton	22	1410MST			0	0	0.50K			Hail (1.00)	
Spotter reported broken windows from large hail and wind.											
Weston County Clareton	22	1510MST 1530MST			0	0				Funnel Cloud	
Several funnel cloud reports were received from spotters in Clareton.											
Weston County Clareton	22	1515MST			0	0				Hail (2.00)	
Spotter report of 2.00 inch hail.											
Campbell County 5 N Recluse	22	1515MST	0.1	20	0	0				Tornado (F0)	
Brief tornado was reported by spotter.											
Crook County Moorcroft	28	1735MST 1740MST			0	0				Hail (1.75)	
Crook County 3 SW Sundance	28	1817MST			0	0				Thunderstorm Wind (G60)	
Crook County Sundance	28	1820MST			0	0				Thunderstorm Wind (G70)	
Crook County Sundance	28	1829MST 1833MST			0	0				Hail (1.75)	
<u>WYOMING, Southeast</u>											
Laramie County Cheyenne	08	1500MST 1600MST			0	0				Lightning	

Storm Data and Unusual Weather Phenomena

June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>WYOMING, Southeast</u>									
Lightning caused damage in the Cheyenne area. Lightning knocked a chimney off of a house and split a tree, both in Cheyenne.									
Goshen County 20 E Chugwater	10	1640MST 1646MST			0	0			Hail (0.75)
Laramie County Cheyenne	13	1429MST 1453MST			0	0			Hail (1.00)
Platte County 14 SW Chugwater	16	1653MST 1659MST			0	0			Hail (1.25)
Platte County Chugwater	16	1800MST 1806MST			0	0			Hail (1.75)
Carbon County Rawlins	20	1600MST 1605MST			0	0			Dry Microburst
Goshen County 5 S Torrington to 7 S Torrington	22	1516MST 1527MST	1.5	60	0	0			Tornado (F0)
Albany County Laramie	26	1900MST 1930MST			0	0	4K		Lightning
Lightning struck several trees in Laramie. A 40 foot cottonwood tree was apparently uprooted by the lightning and fell onto a house. Another tree was struck by lightning and started a small fire in a nearby house.									